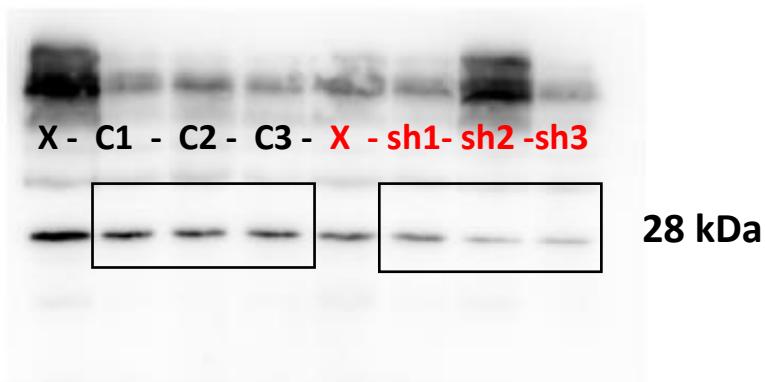


Figure 1 mitochondrial AQP8

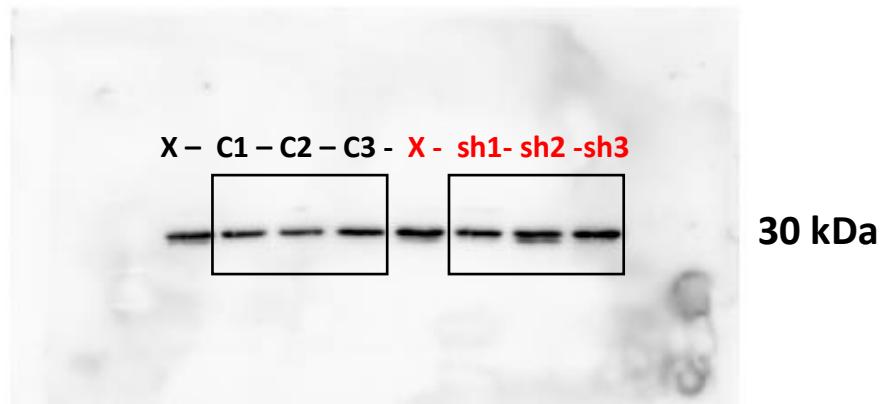
C= control

Sh=short hairpin targeting AQP8
(AdAQP8sh)

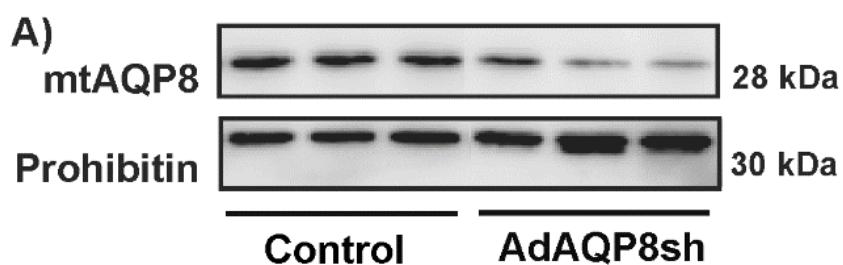
TIFF AQP8



TIFF Prohibitin



Bands depicted with a "X" were not included in the Figures.

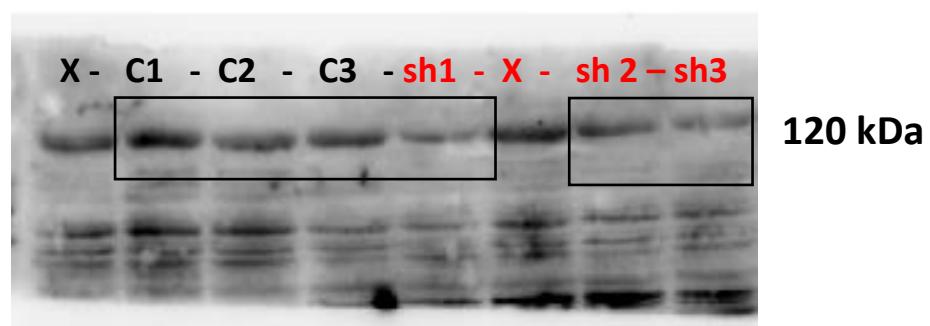


C= control

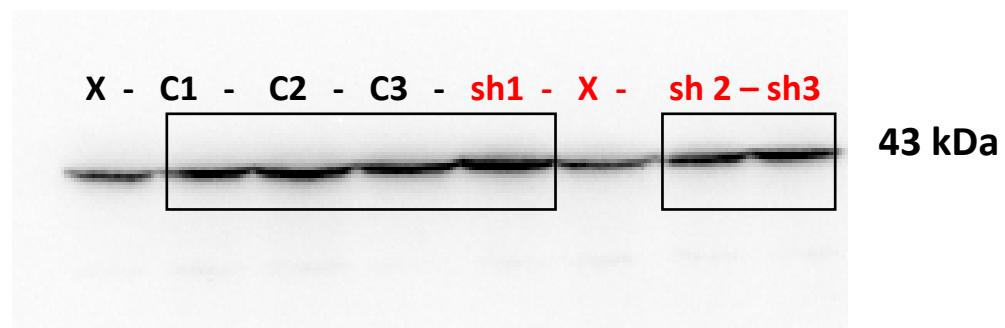
Figure 2 SREBP-2 total lysate

**Sh=short hairpin targeting AQP8
(AdAQP8sh)**

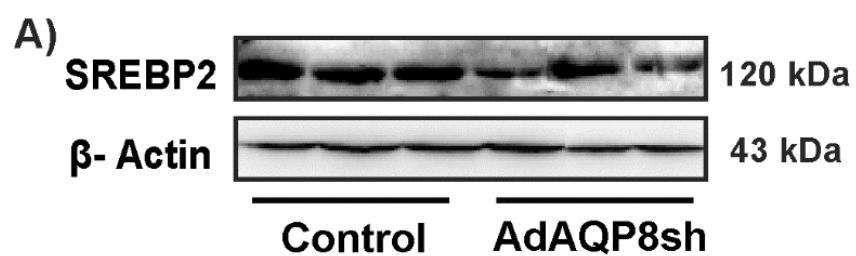
TIFF SREBP-2



TIFF Actin



Bands depicted with a "x" were not included in the Figures.

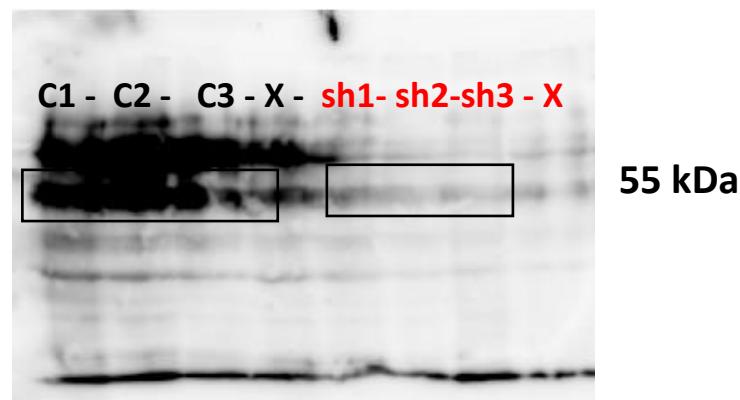


C= control

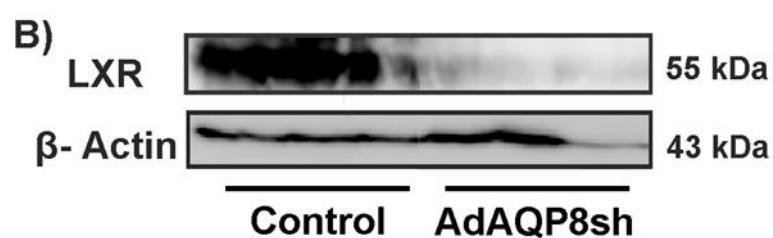
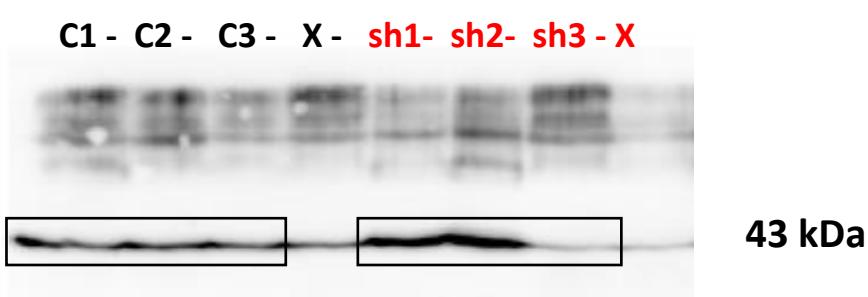
Figure 2 LXR total lysate

Sh=short hairpin targeting AQP8
(AdAQP8sh)

TIFF LXR



TIFF Actin

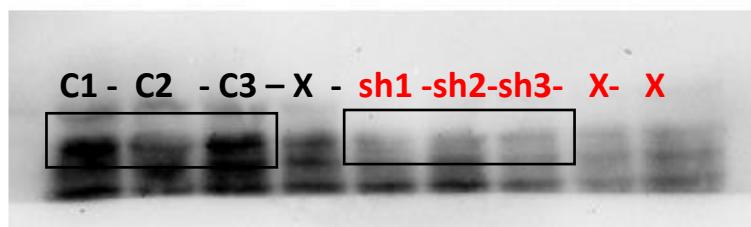


C= control

Sh=short hairpin targeting AQP8
(AdAQP8sh)

Figure 3 ABCG5 total lysate

TIFF ABCG5



TIFF Actin

C1 - C2 - C3 - X - sh1 -sh2- sh3 -X- X

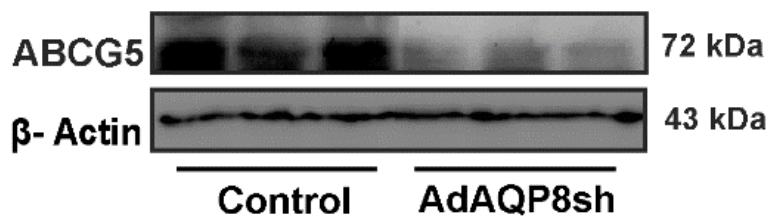
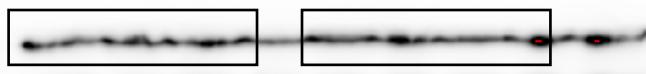
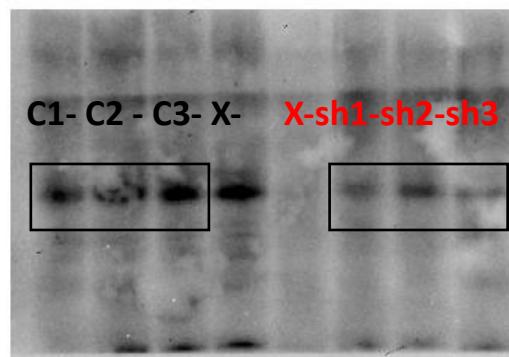


Figure 3 ABCG5 canalicular membrane

C= control

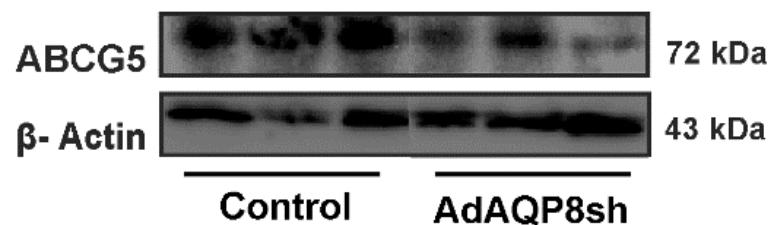
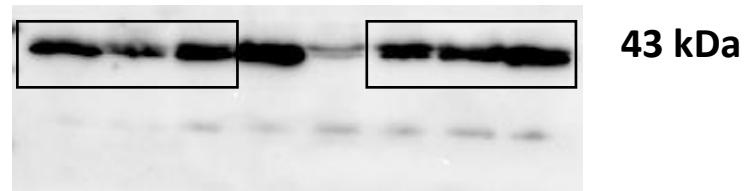
Sh=short hairpin targeting AQP8
(AdAQP8sh)

TIFF ABCG5



TIFF Actin

C1- C2 - C3- X - X- sh1-sh2- sh3



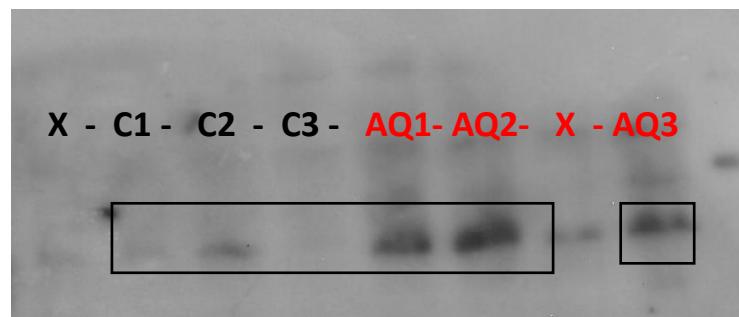
Bands depicted with a "X" were not included in the Figures.

Figure 4 mitochondrial hAQP8

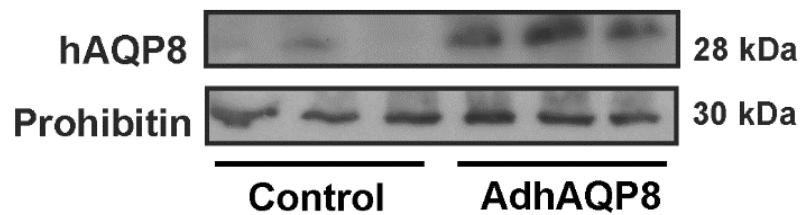
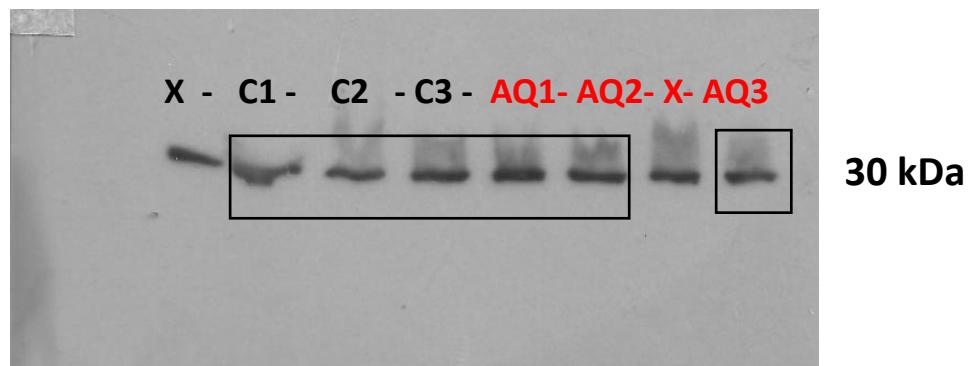
C= control

AQ= treated with adenovector expressing hAQP8 (AdhAQP8)

TIFF hAQP8



TIFF PROHIBITIN



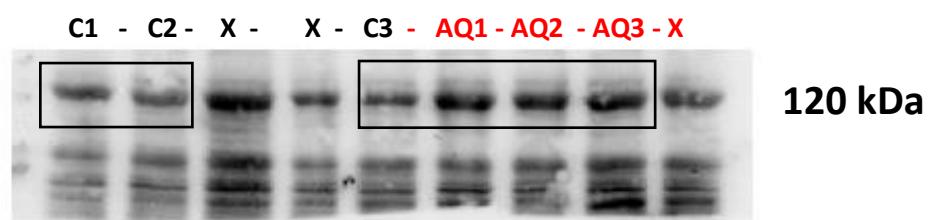
Bands depicted with a "X" were not included in the Figures.

C= control

Figure 5 SREBP-2 TOTAL LYSATE

AQ= treated with adenovector expressing hAQP8 (AdhAQP8)

TIFF SREBP-2



TIFF Actin

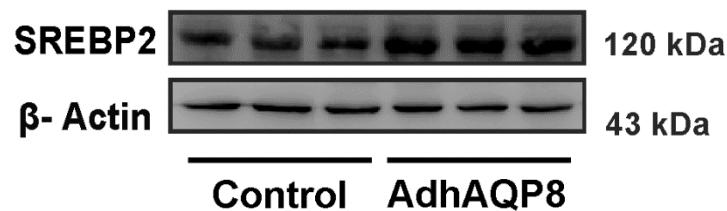
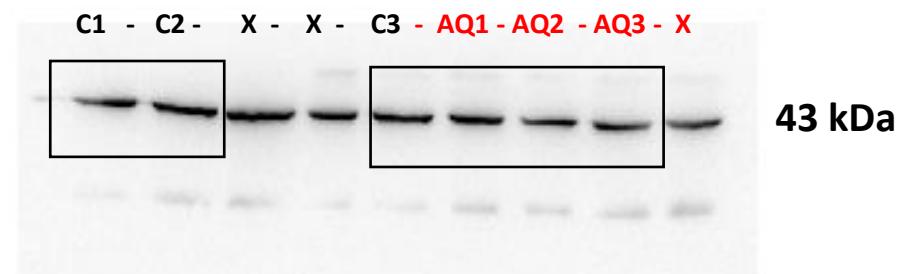
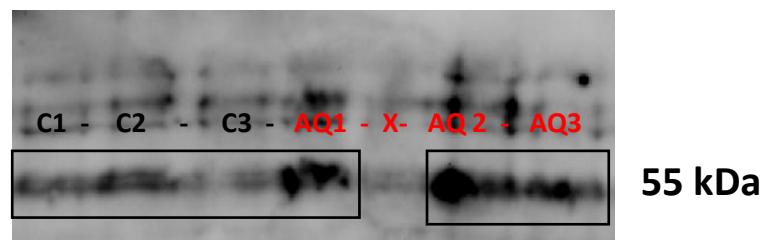


Figure 5 LXR TOTAL LYSATE

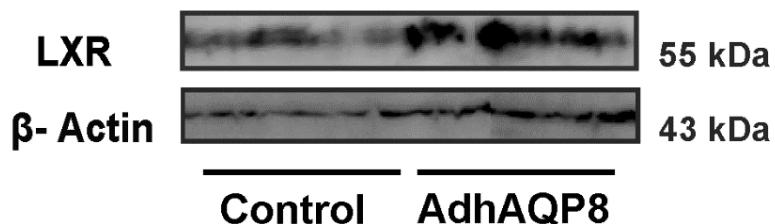
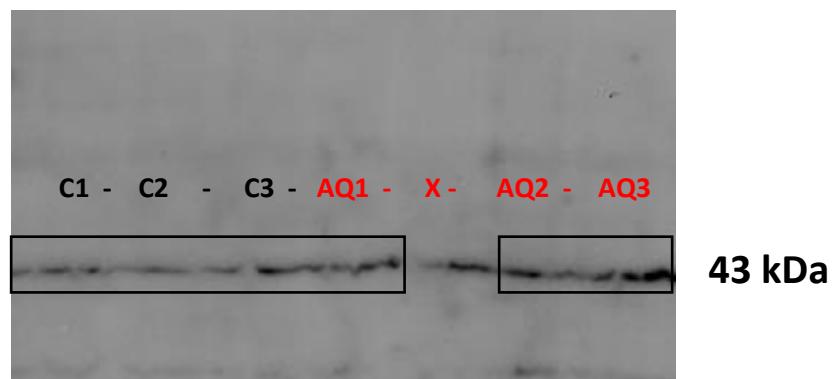
C= control

AQ= treated with adenovector expressing
hAQP8 (AdhAQP8)

TIFF LXR



TIFF Actin



Bands depicted with a "X" were not included in the Figures.

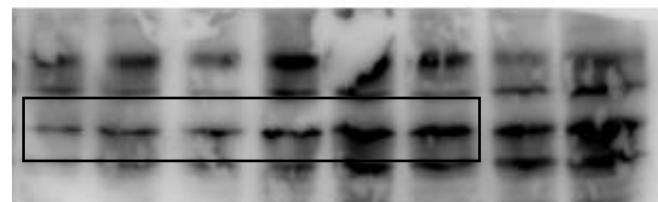
Figure 6 ABCG5 TOTAL LYSATE

C= control

AQ= treated with adenovector expressing hAQP8 (AdhAQP8)

TIFF ABCG5

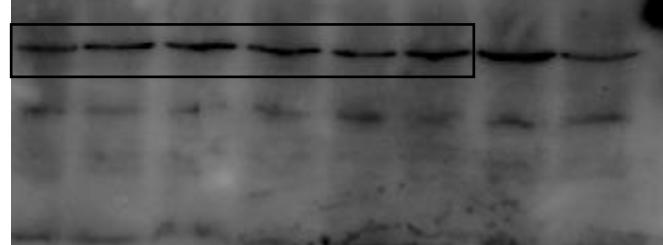
C1 - C2 - C3 - AQ1- AQ2-AQ3- X- X



72 kDa

TIFF Actin

C1 - C2 - C3 - AQ1- AQ2-AQ3- X - X



43 kDa

ABCG5

72 kDa

β - Actin

43 kDa

Control

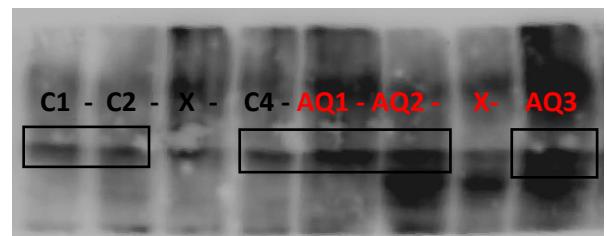
AdhAQP8

Figure 6 ABCG5 canalicular membrane

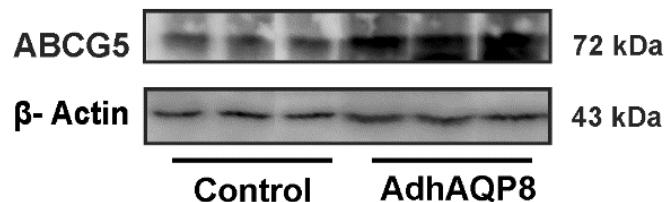
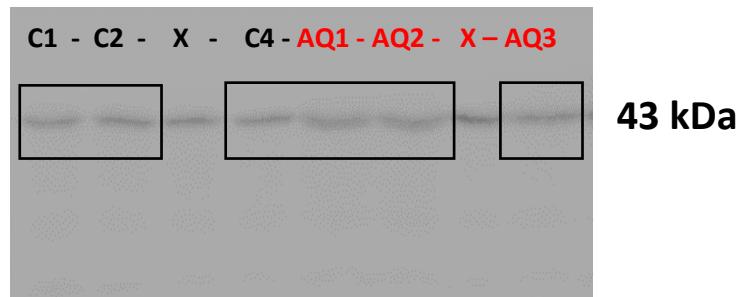
C= control

AQ= treated with adenovector
expressing hAQP8 (AdhAQP8)

TIFF ABCG5



TIFF Actin



Bands depicted with a "X" were not included in the Figures.

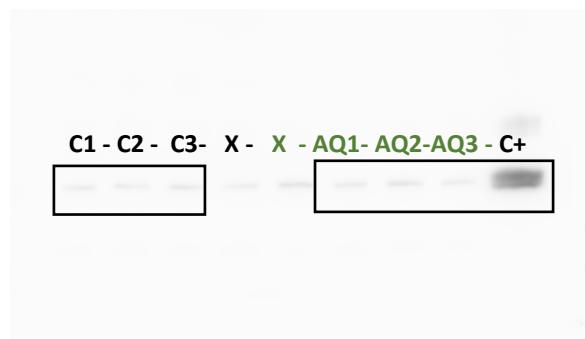
Figure 7 mitochondrial hAQP1

C= control

AQ= treated with adenovector expressing hAQP1 (AdhAQP1)

C+= positive control

TIFF AQP1



28 kDa

TIFF Prohibitin



30 kDa

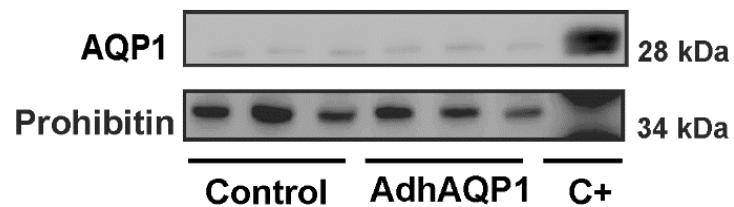
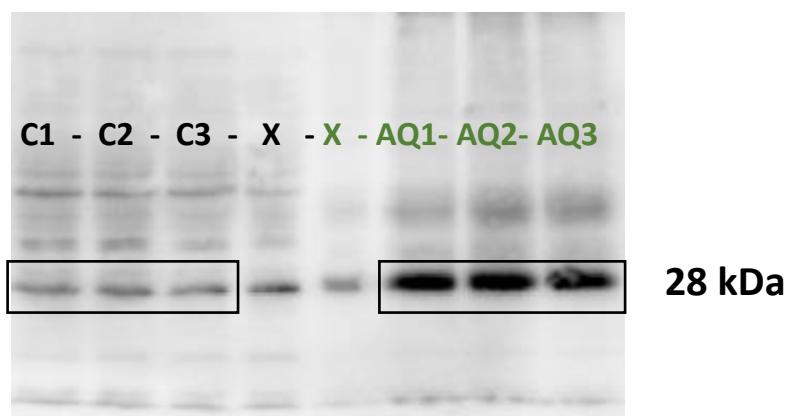


Figure 7 hAQP1 TOTAL LYSATE

C= control

AQ= treated with adenovector
expressing hAQP1 (AdhAQP1)

TIFF AQP1



TIFF Actin

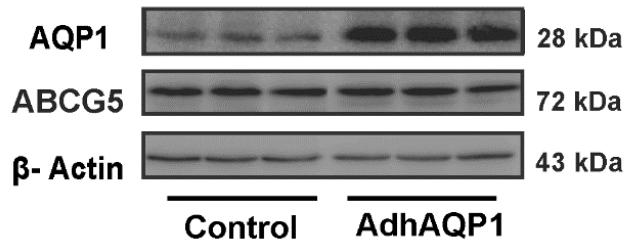
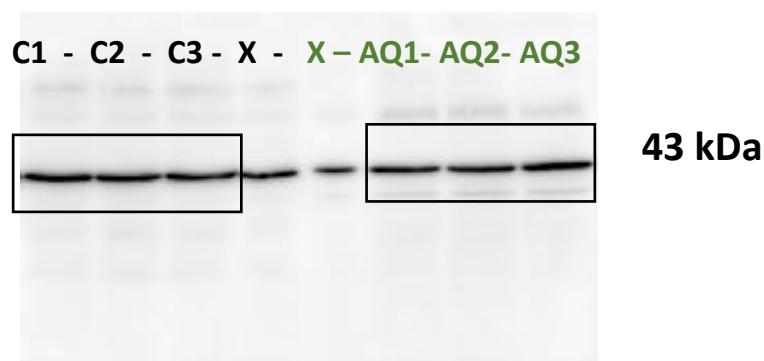
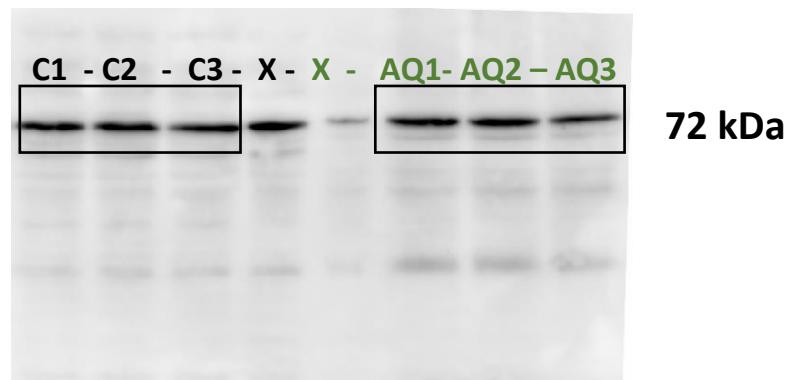


Figure 7 hAQP1 TOTAL LYSATE

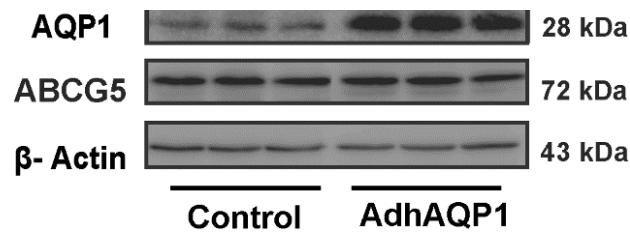
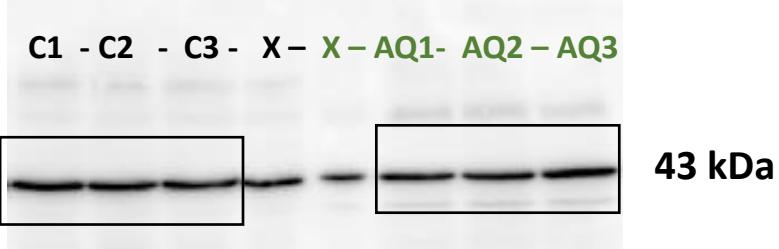
C= control

AQ= treated with adenovector
expressing hAQP1 (AdhAQP1)

TIFF ABCG5



TIFF Actin



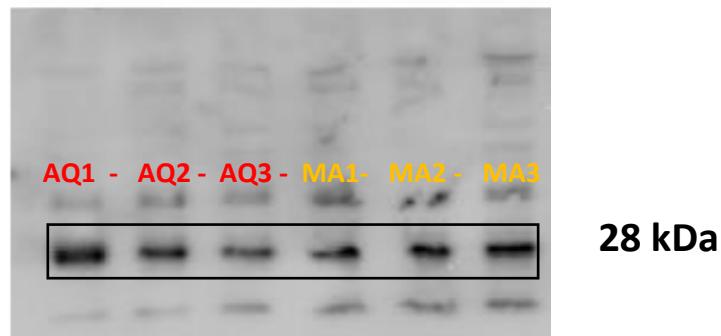
Bands depicted with a "X" were not included in the Figures.

Figure 8 mitochondrial hAQP8

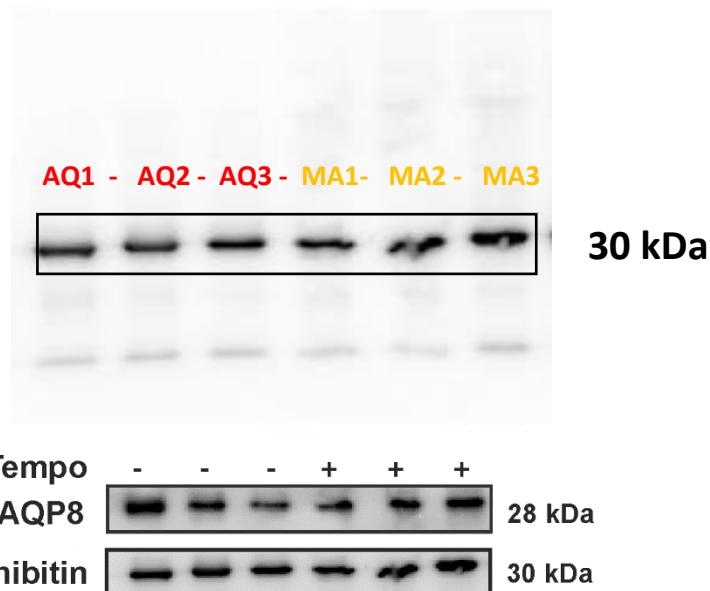
AQP= treated with adenovector expressing hAQP8 (AdhAQP8)

MA= treated with adenovector expressing hAQP8 (AdhAQP8) + mitotempo

TIFF hAQP8



TIFF Prohibitin



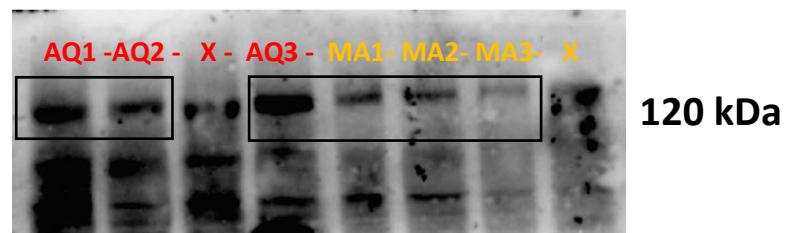
Bands depicted with a "X" were not included in the Figures.

Figure 8 SREBP-2 TOTAL LYSATE

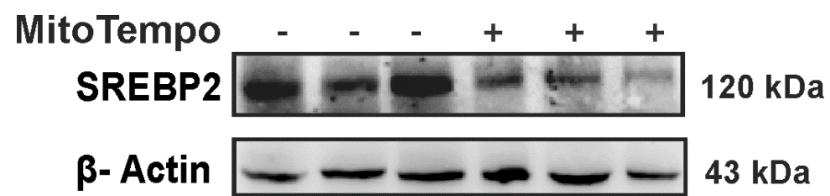
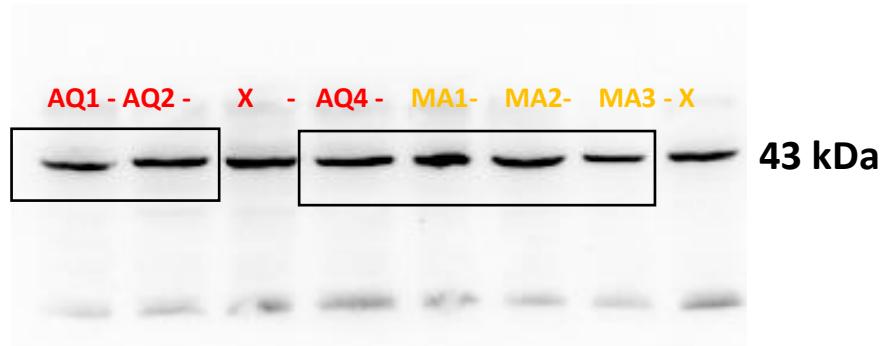
AQP= treated with adenovector expressing hAQP8 (AdhAQP8)

MA= treated with adenovector expressing hAQP8 (AdhAQP8) + mitotempo

TIFF SREBP-2



TIFF Actin



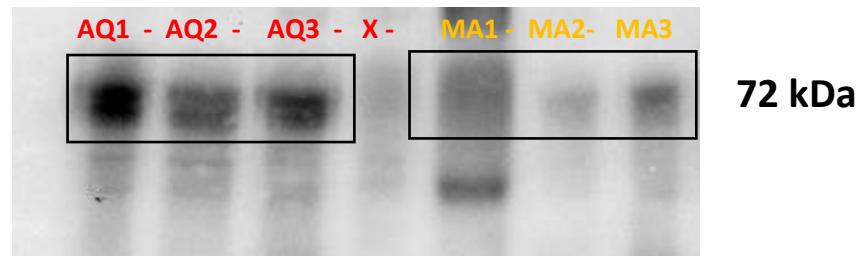
Bands depicted with a "X" were not included in the Figures.

Figure 8 ABCG5 TOTAL LYSATE

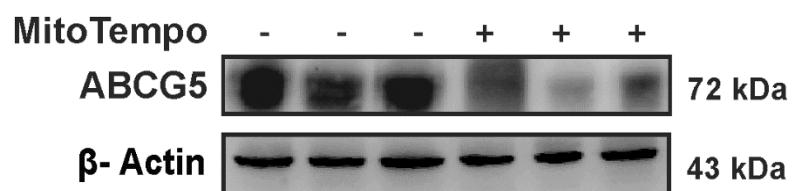
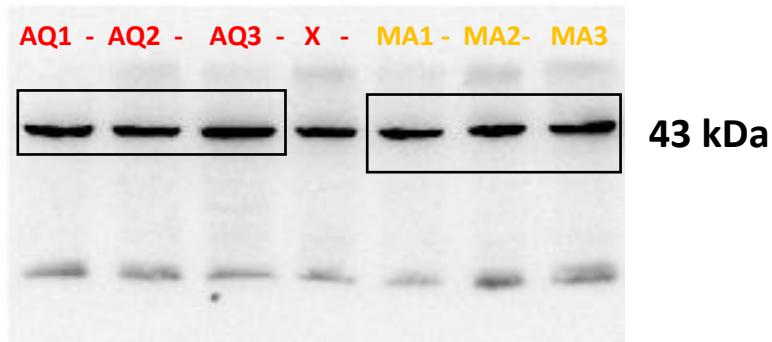
AQP= treated with adenovector expressing hAQP8 (AdhAQP8)

MA= treated with adenovector expressing hAQP8 (AdhAQP8) + mitotempo

TIFF ABCG5



TIFF Actin



Bands depicted with a "X" were not included in the Figures.