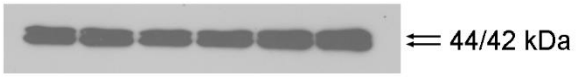
MEK1/2 inhibitors induce class 1 alcoholic dehydrogenase (ADH1) expression by regulating farnesoid X receptor

Fig. 1. MEK1/2 inhibitors induce ADH1 expression in HepG2 cells.

Fig. 1a:

pi-ERK1/2

ERK1/2



GAPDH

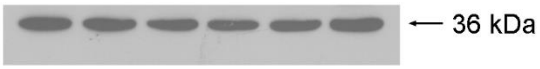
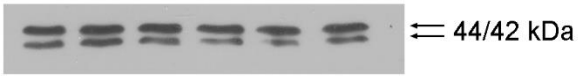


Fig. 1b:

pi-ERK1/2

ERK1/2



GAPDH

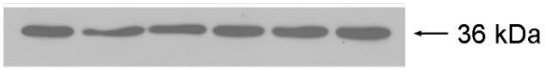
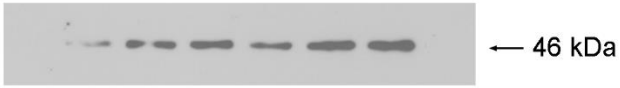


Fig. 1e:

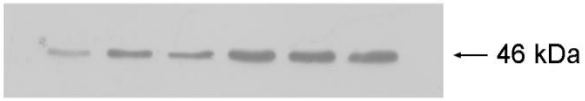
ADH1



GAPDH

Fig. 1f:

ADH1



GAPDH

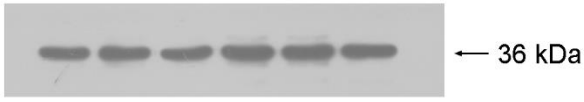
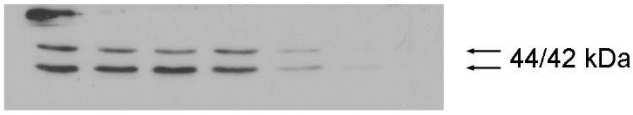


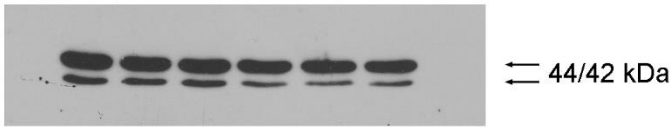
Fig. 3. MEK1/2 inhibitors activate ADH1 expression in BNL cells and C57BL/6 mice.

Fig. 3a:

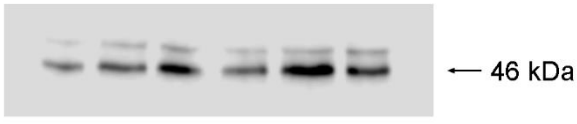
pi-ERK1/2



ERK1/2



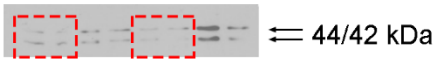
ADH1



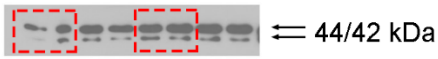
GAPDH

Fig. 3d:

pi-ERK1/2



ERK1/2



ADH1

GAPDH

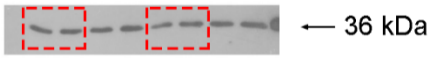
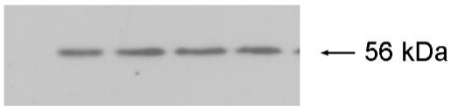


Fig. 4. U0126 induces ADH1 expression in an FXR dependent manner.

Fig. 4a:

FXR



GAPDH

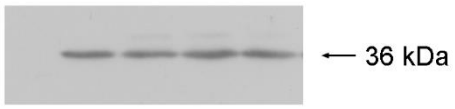
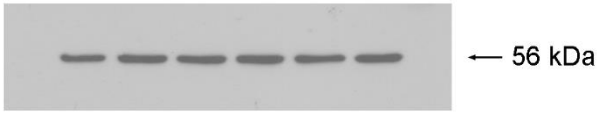


Fig. 4b:

FXR



GAPDH

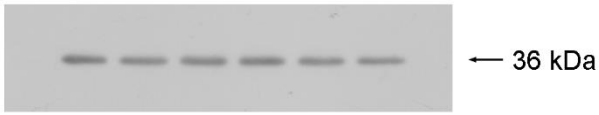


Fig. 4d:

FXR

ADH1

GAPDH