Material Description

All Western Blot (WB) bands are presented in the supplementary document. Our experimental protocol involves culturing the primary antibody against the target protein, performing membrane elution, and subsequently culturing the internal reference antibody.

The original data provided below are from the same membrane strip, arranged in a vertical column, and the experiments have been repeated three times for consistency. The horizontal column indicates the type and molecular weight of each antibody cultured.

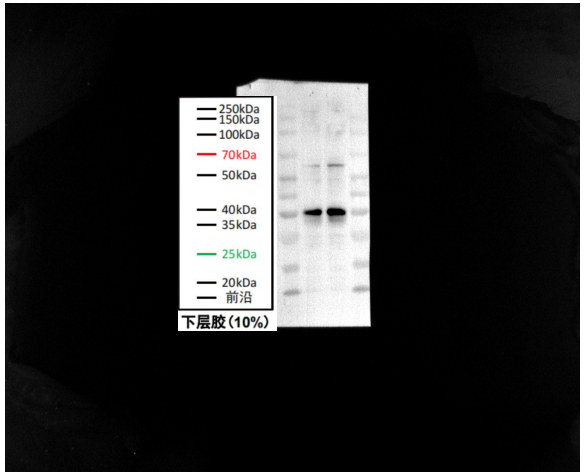
In cases where both the target and internal reference antibodies are shown on the same membrane strip, they will not be displayed separately. If non-specific bands are observed on the membrane strip, these will be marked with a distinct border. If no non-specific bands are present, no special markings will be applied.

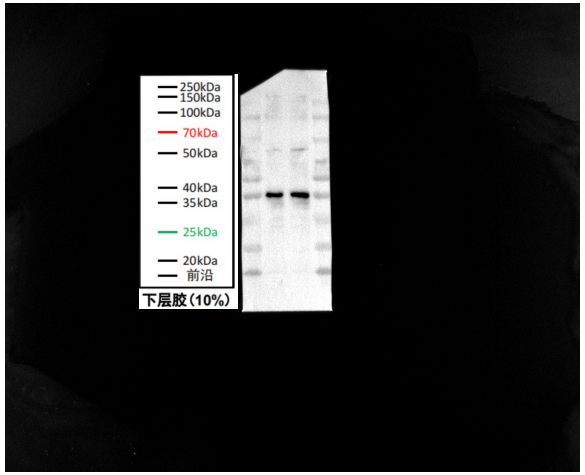
Label 1 represents Hela cells treated with control, and 2 represents HeLa cells overexpressing AGPAT4

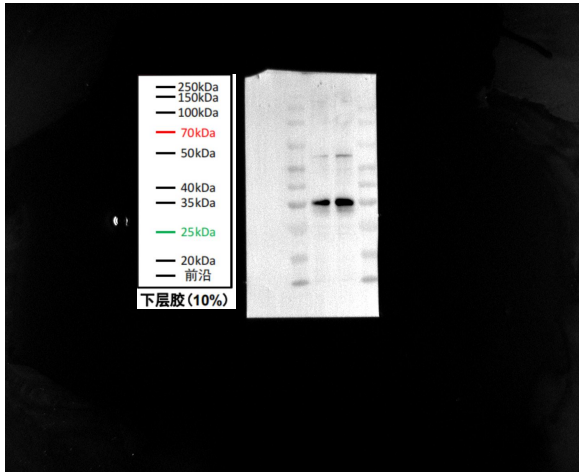
PCNA

HeLa OE AGPAT4

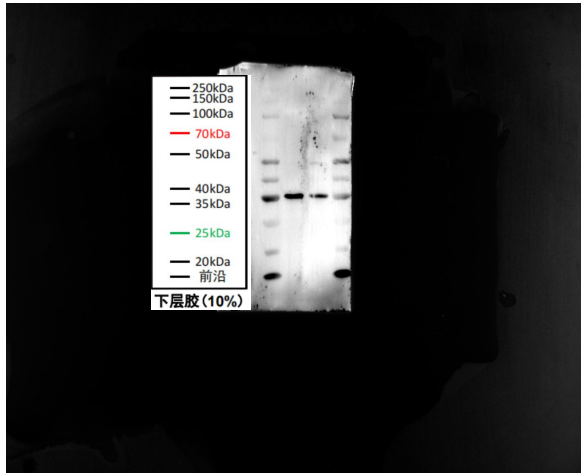
PCNA
36KDa

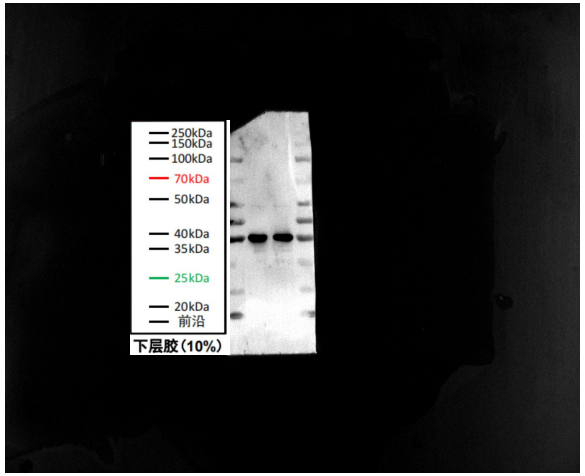


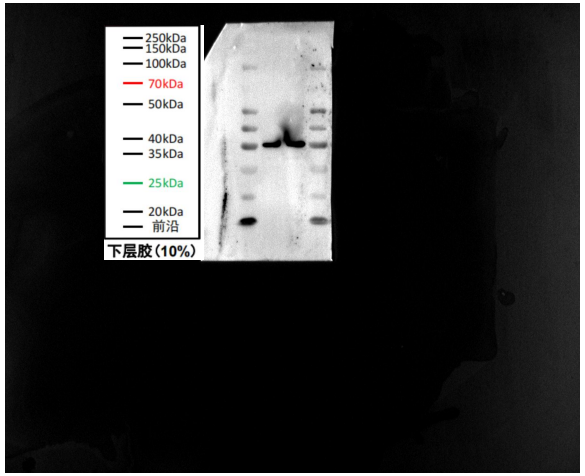




GAPDH
35KDa



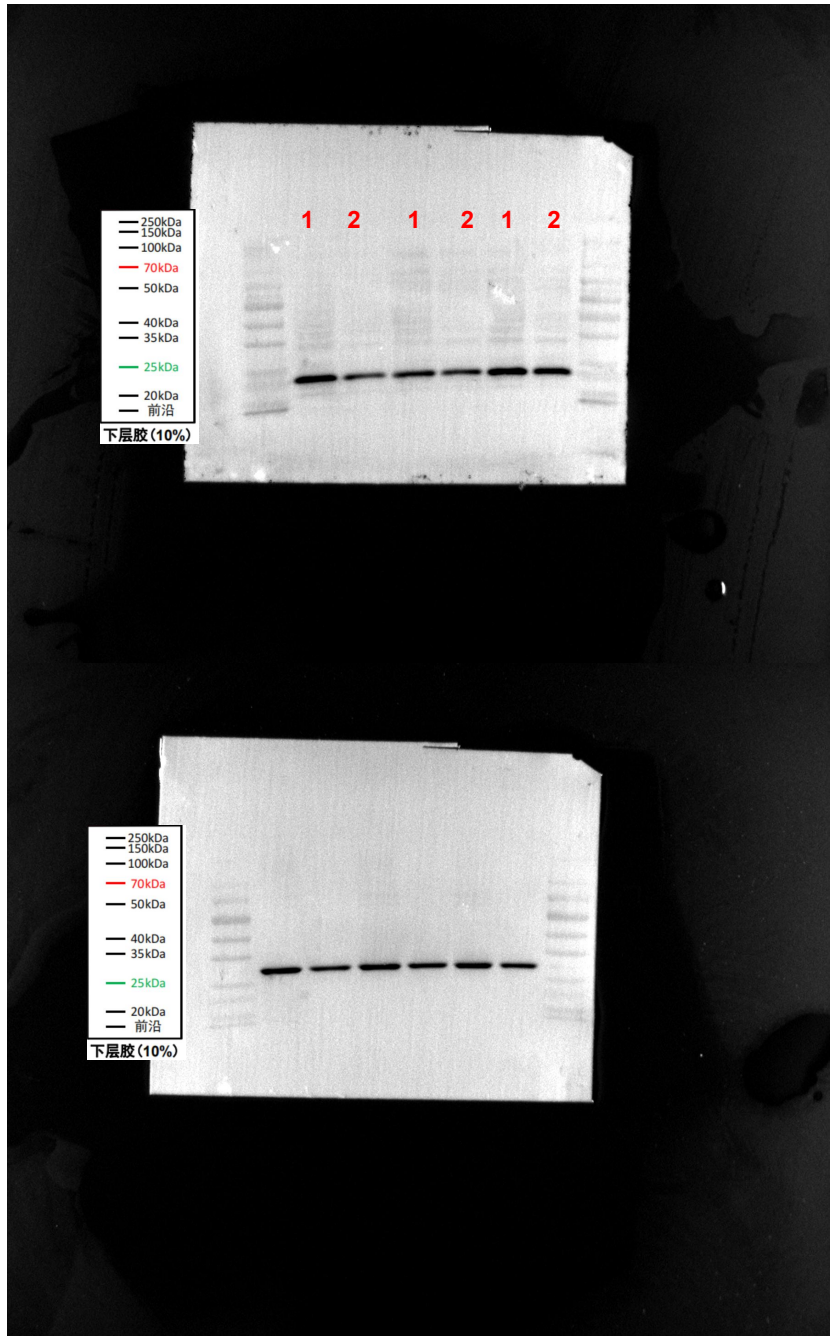




PCNA
1：HeLa
2：OE AGPAT4

BAK
23KDa

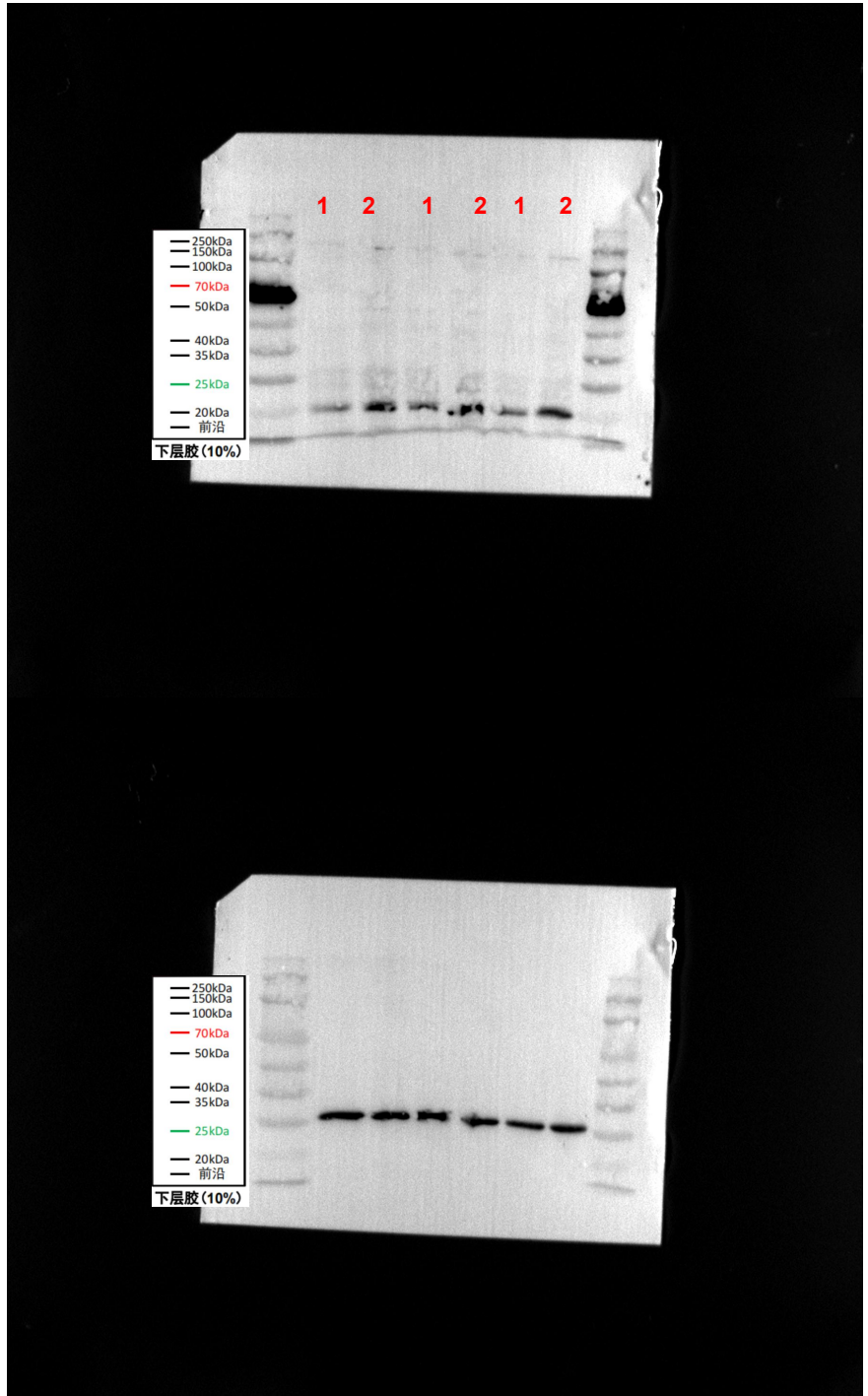
GAPDH
35KDa



BCL-2
1：HeLa
2：OE AGPAT4

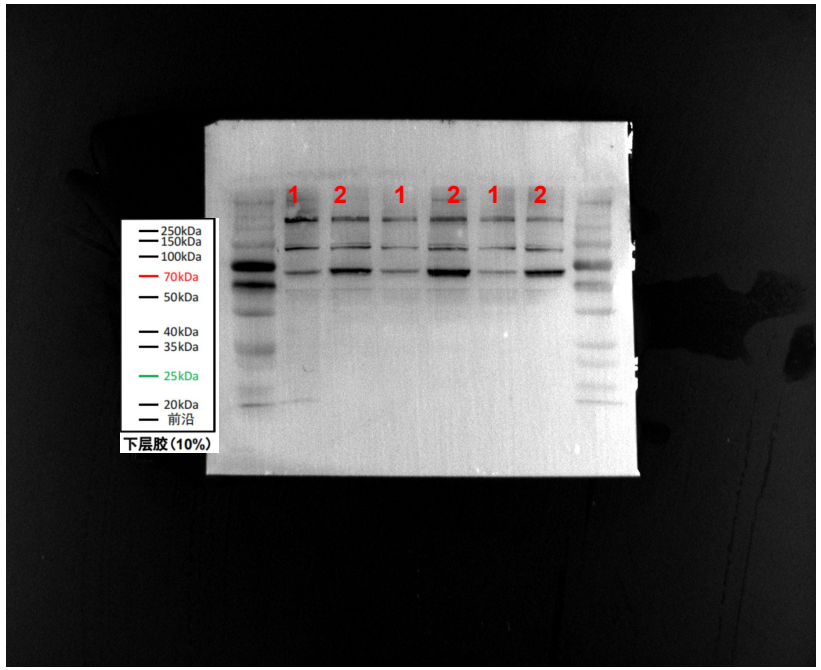
BCL-2
26KDa

GAPDH
35KDa

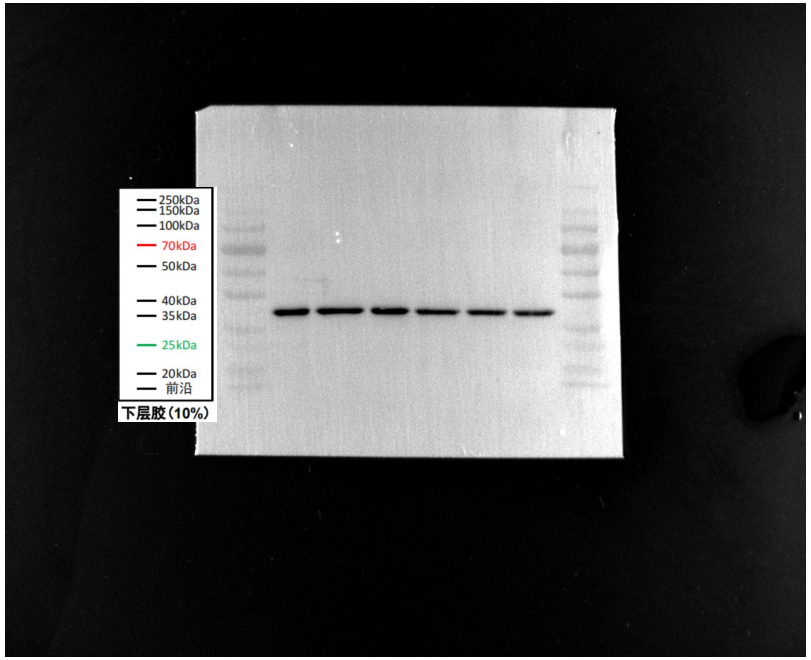


PI3K
1：HeLa
2：OE AGPAT4

PI3K
85KDa

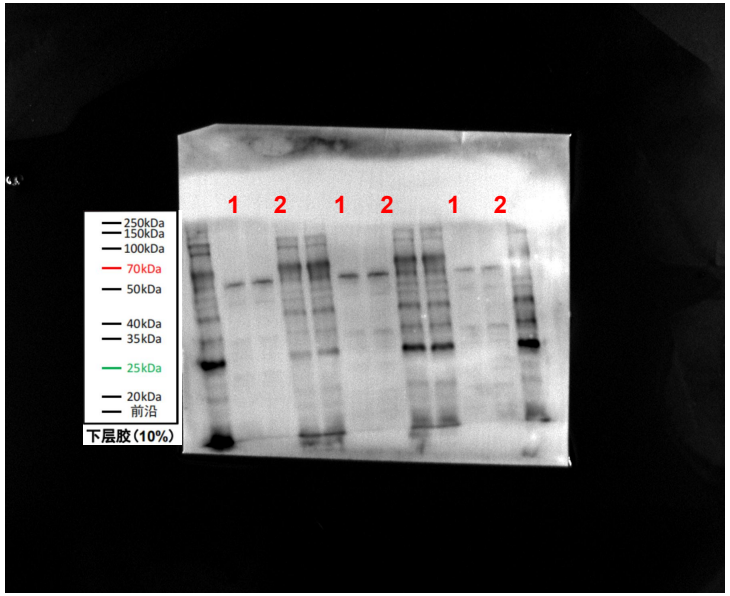


GAPDH
35KDa

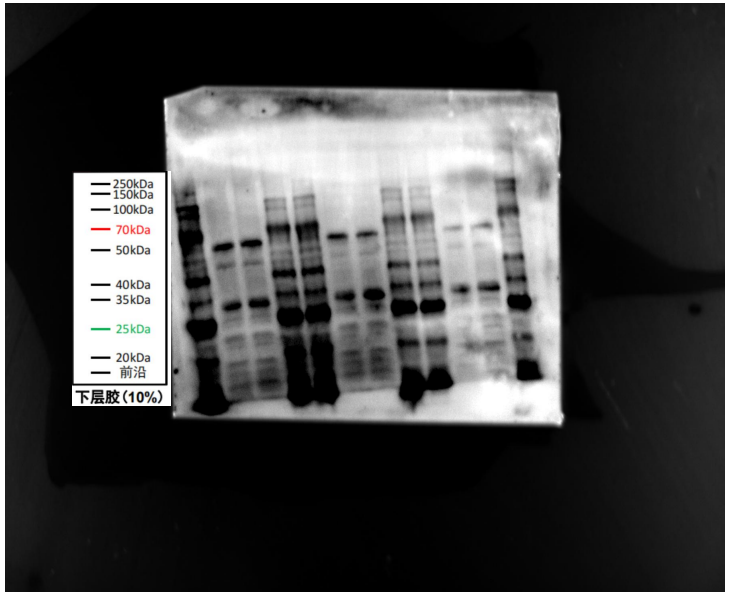


AKT
1：HeLa
2：OE AGPAT4

AKT
56KDa



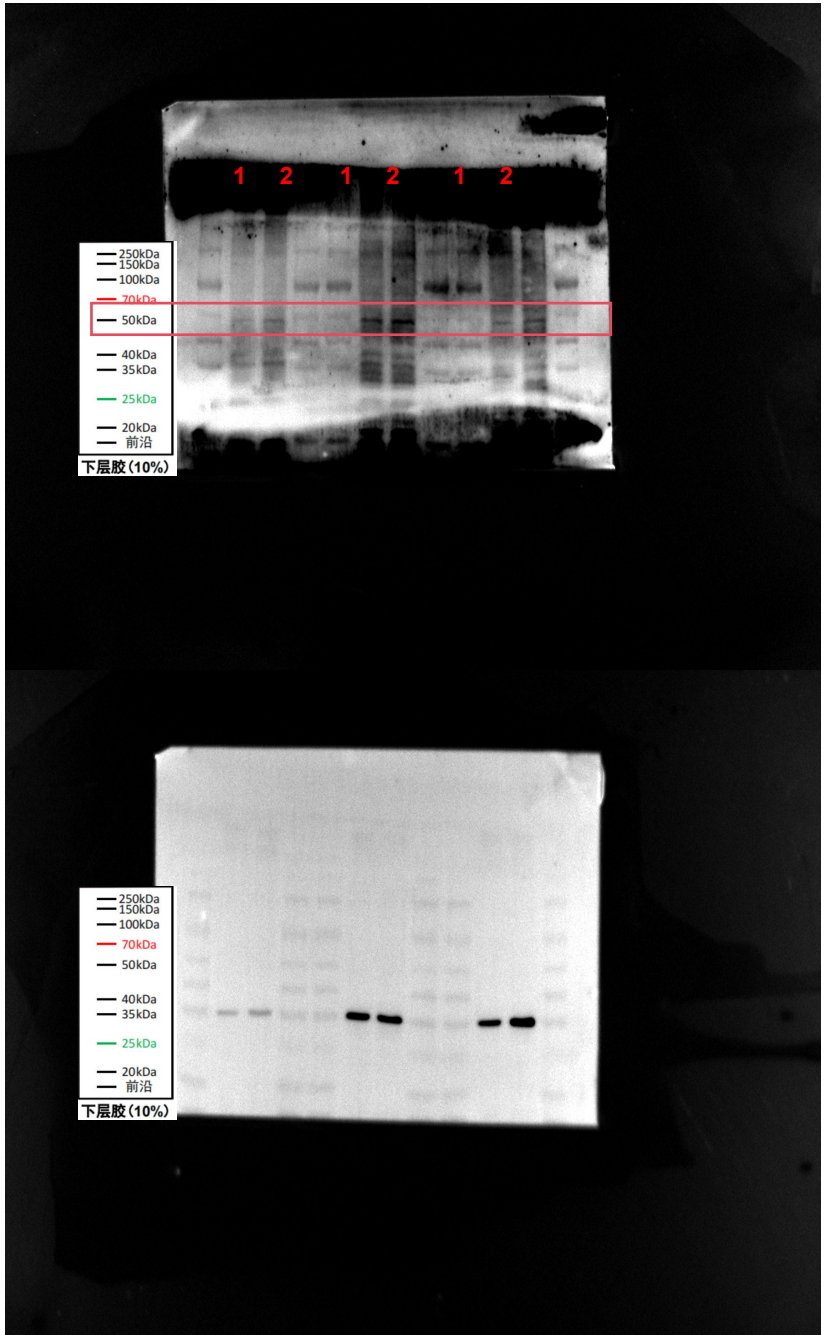
GAPDH
35KDa



P-AKT
1：HeLa
2：OE AGPAT4

P-AKT
56KDa

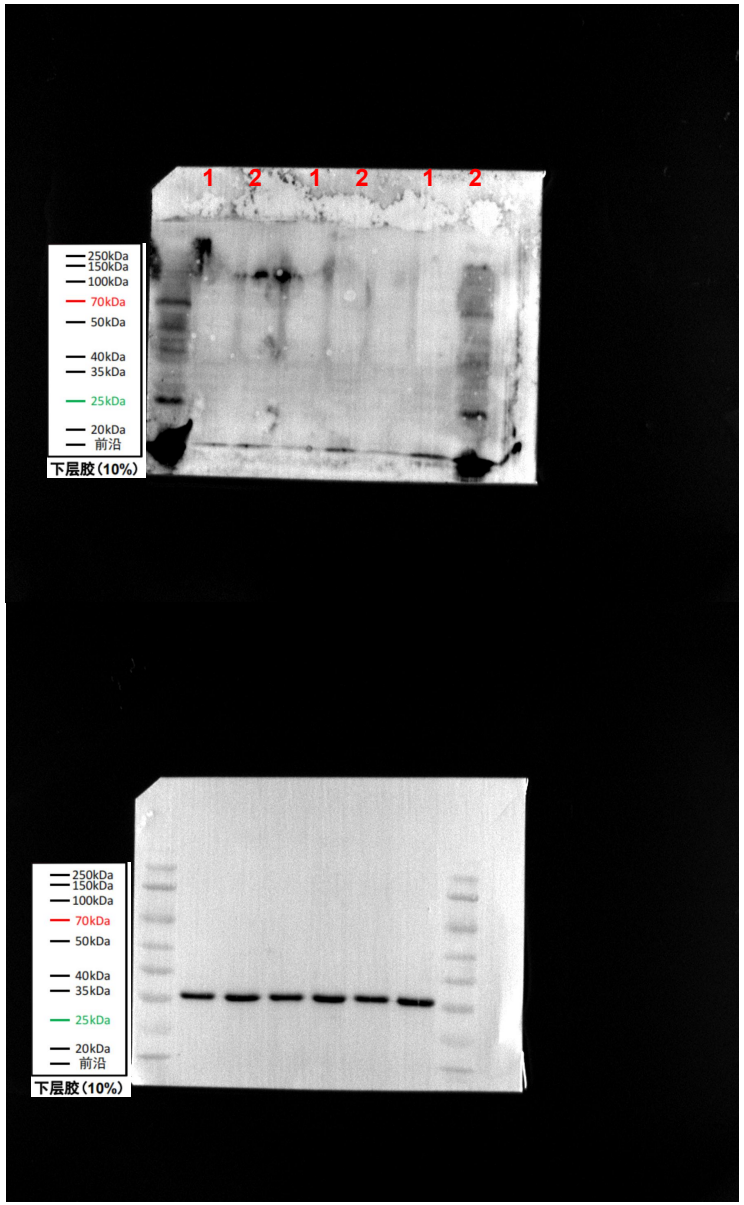
GAPDH
35KDa



P21
1：HeLa
2：OE AGPAT4

P21
21KDa

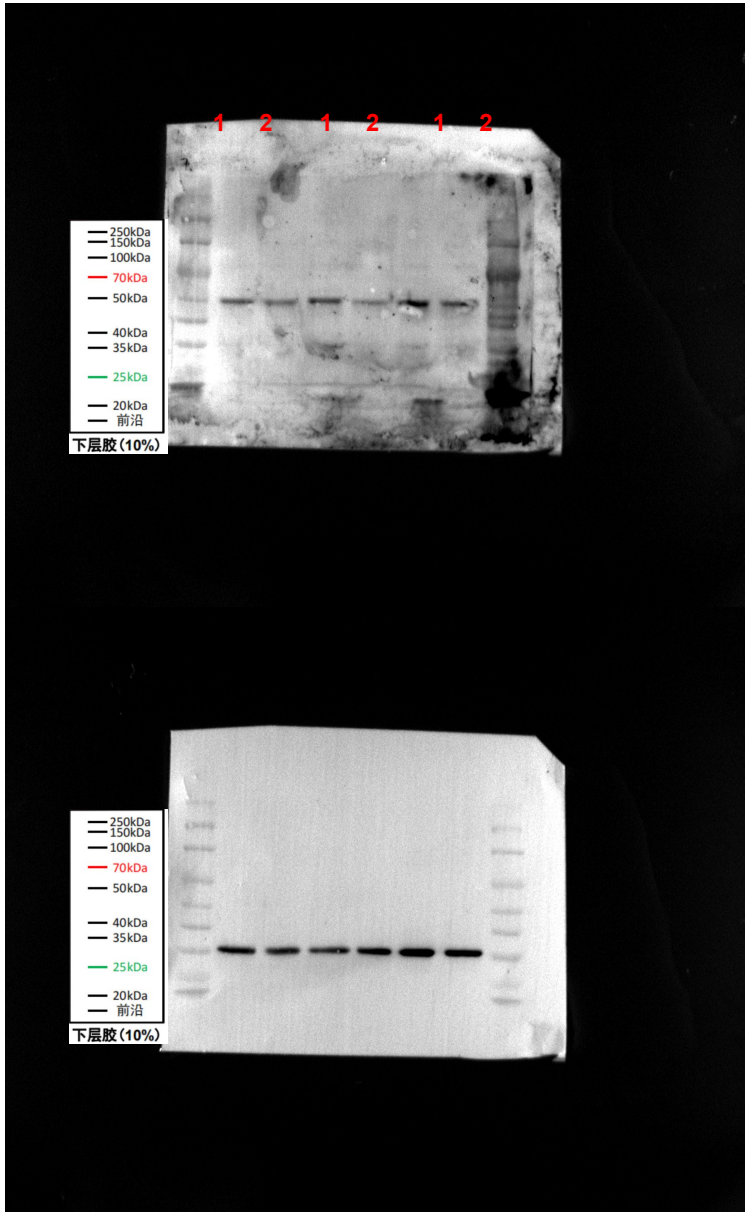
GAPDH
35KDa



P53
1：HeLa
2：OE AGPAT4

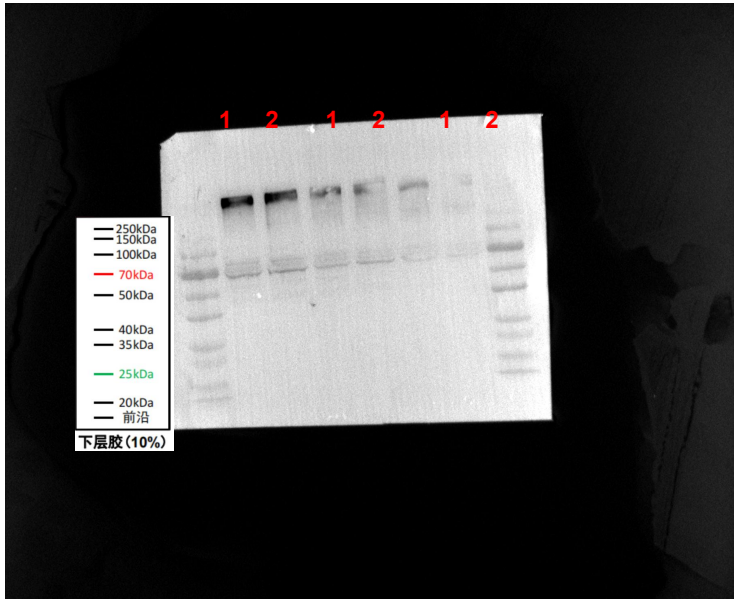
P53
53KDa

GAPDH
35KDa

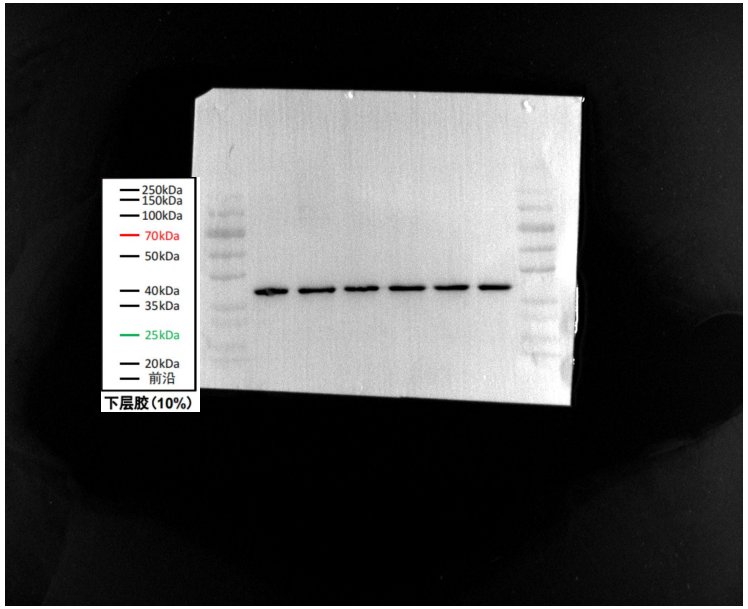


P-FOXO3A
1：HeLa
2：OE AGPAT4

P-FOXO3A
96KDa

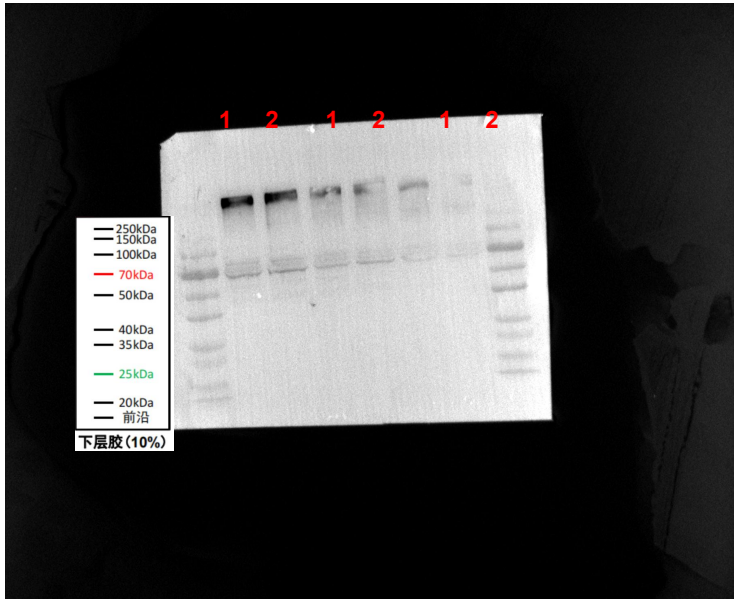


GAPDH
35KDa

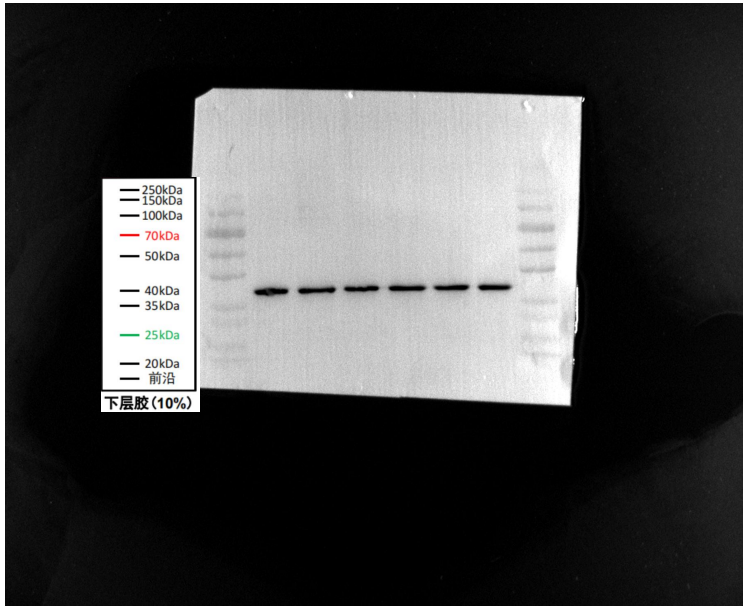


P-FOXO3A
1：HeLa
2：OE AGPAT4

P-FOXO3A
96KDa

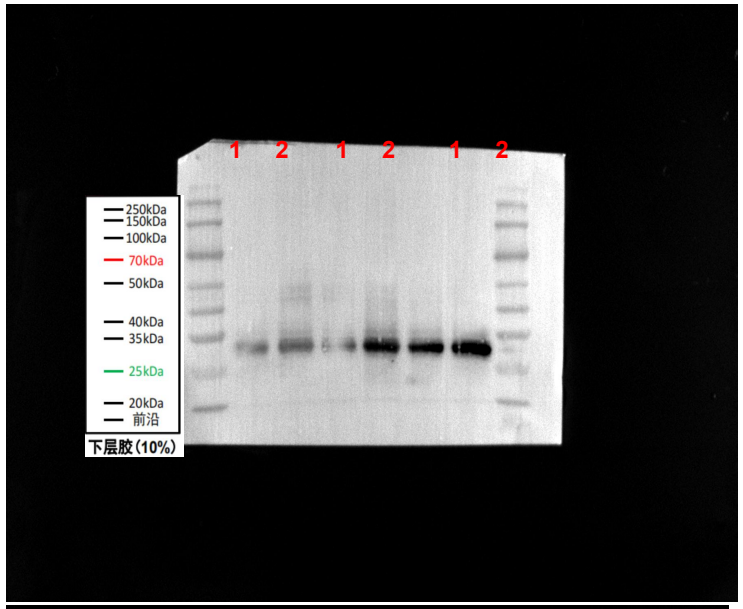


GAPDH
35KDa

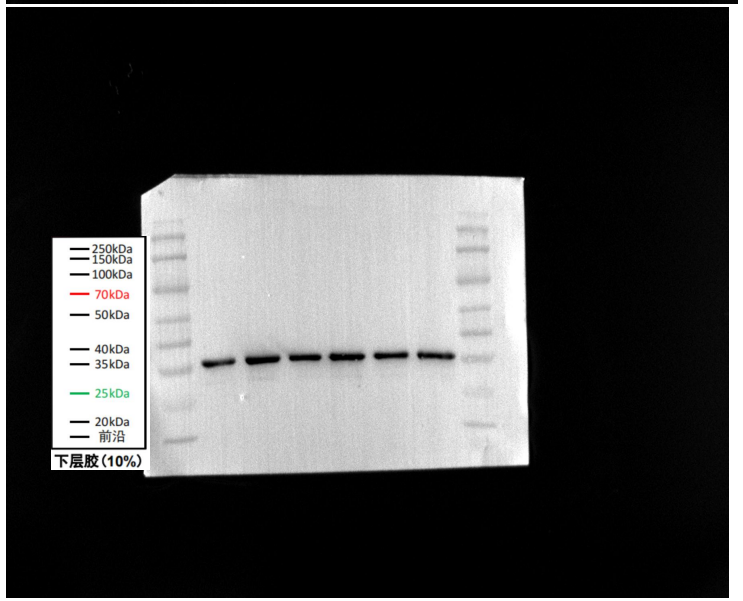


CDK1
1：HeLa
2：OE AGPAT4

CDK1
34KDa



GAPDH
35KDa



CyclinB
1：HeLa
2：OE AGPAT4

CyclinB
60KDa

GAPDH
35KDa