

## FHL3 Polyclonal Antibody

Catalog number: 11028-2-AP

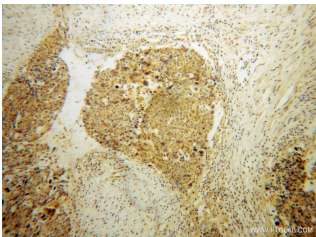
Size: 23 µg/150 µl

Source: Rabbit

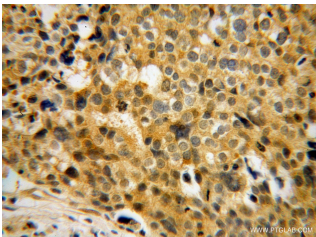
Isotype: IgG

Synonyms:

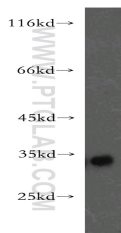
FHL3; FHL 3, FHL3, four and a half LIM domains 3, Skeletal muscle LIM protein 2, SLIM 2, SLIM2



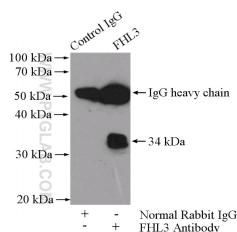
Immunohistochemical of paraffin-embedded human ovary tumor using 11028-2-AP(FHL3 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human ovary tumor using 11028-2-AP(FHL3 antibody) at dilution of 1:50 (under 40x lens)



K-562 cells were subjected to SDS PAGE followed by western blot with 11028-2-AP(FHL3 antibody) at dilution of 1:500



IP Result of anti-FHL3

### Background

Four and a half LIM domain (FHL) protein 3 is a member of the FHL protein family that has roles in the regulation of signal transduction, survival, cell adhesion, and mobility. It also involves in the development and progression of liver cancer. The FHL proteins have been shown to regulate a variety of transcription factors, including SMAD proteins,  $\beta$ -catenin, SRF, AP-1, NFAT, FOXO1, MyoD, and the androgen receptor. Beside, the FHL proteins may involve in muscle growth and differentiation. Recent research revealed FHL3 was a PCBP2 target, also involved in the growth and induced apoptosis of glioma cell (23585479). This antibody recognizes specifically the 34kd FHL3 protein.

### Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated FHL3 MW:	31 kDa
Observed FHL3 MW:	34kd
Positive WB detected in	K-562 cells, mouse ovary tissue
Positive IP detected in	K-562 cells
Positive IHC detected in	Human ovary tumor tissue
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag1495
GenBank accession number:	BC011697
Gene ID (NCBI):	2275
Full name:	Four and a half LIM domains 3

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**(IP:11028-2-AP, 4ug;  
Detection:11028-2-AP 1:500)  
with K-562 cells lysate 1200ug.**