

For Research Use Only

# FHL3 Monoclonal antibody

Catalog Number:60966-4-Ig



## Basic Information

<b>Catalog Number:</b> 60966-4-Ig	<b>GenBank Accession Number:</b> BC011697	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Mouse	<b>GeneID (NCBI):</b> 2275	<b>CloneNo.:</b> 2D8E10
<b>Isotype:</b> IgG2b	<b>UNIPROT ID:</b> Q13643	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000
<b>Immunogen Catalog Number:</b> AG1495	<b>Full Name:</b> four and a half LIM domains 3	
	<b>Calculated MW:</b> 31 kDa	
	<b>Observed MW:</b> 30-34 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HUVEC cells, Mo7e cells, pig skeletal muscle tissue, HeLa cells, K-562 cells, Kasumi-1 cells, rat skeletal muscle tissue
<b>Species Specificity:</b> human, rat, pig	

## Background Information

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).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

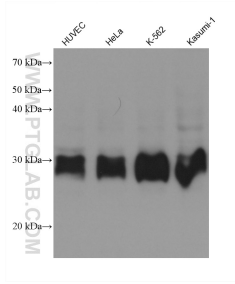
T: 4006900926

E: Proteintech-CN@ptglab.com

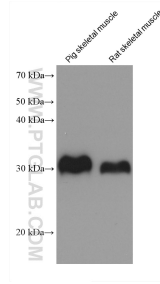
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60966-4-Ig (FHL3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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