

# [KO Validated] PDLIM5 Rabbit mAb

Catalog No.: A28344 **KO** **Validated** **Recombinant**

## Basic Information

**Observed MW**

68 kDa

**Calculated MW**

15-68 kDa

**Category**

Primary antibody

**Applications**

WB, IP, IHC-P, ELISA

**Cross-Reactivity**

Human

**CloneNo number**

ARC76257

## Background

This gene encodes a member of a family of proteins that possess a 100-amino acid PDZ domain at the N terminus and one to three LIM domains at the C-terminus. This family member functions as a scaffold protein that tethers protein kinases to the Z-disk in striated muscles. It is thought to function in cardiomyocyte expansion and in restraining postsynaptic growth of excitatory synapses. Alternative splicing of this gene results in multiple transcript variants.

## Recommended Dilutions

**WB** 1:2000 - 1:15000**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells**IHC-P** 1:500 - 1:2000**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on your  
specific assay requirements.  
For high-ratio antibody  
dilutions ( $\geq 1:10000$ ) a  
sequential dilution method  
is strongly recommended to  
ensure measurement  
accuracy.

## Immunogen Information

**Gene ID**

10611

**Swiss Prot**

Q96HC4

**Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

**Synonyms**

L9; ENH; LIM; ENH1

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Contact

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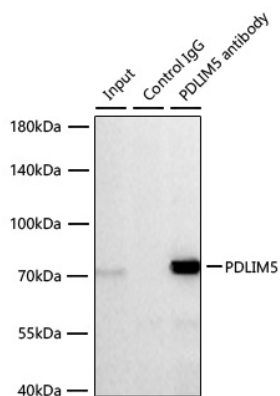
☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

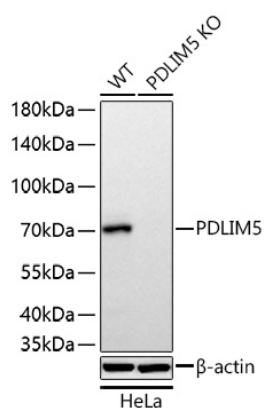
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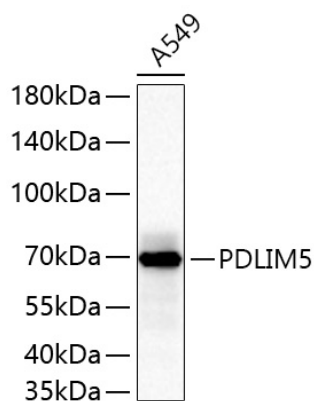
## Validation Data



Immunoprecipitation of PDLIM5 from 300 µg extracts of HeLa cells was performed using 2 µg of [KO Validated] PDLIM5 Rabbit mAb (A28344). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using [KO Validated] PDLIM5 Rabbit mAb (A28344) at a dilution of 1:5000.



Western blot analysis of lysates from wild type (WT) and PDLIM5 knockout (KO) HeLa cells using [KO Validated] PDLIM5 Rabbit mAb (A28344) at 1:10000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10 s.



Western blot analysis of lysates from A549 cells using [KO Validated] PDLIM5 Rabbit mAb (A28344) at 1:5000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60 s.

## Validation Data

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Immunohistochemistry analysis of paraffin-embedded Human skeletal muscle tissue using [KO Validated] PDLIM5 Rabbit mAb (A28344) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.