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PDLIM1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI11156

Specification

PDLIM1 antibody - middle region - Product Information

Application	**WB**
Primary Accession	O70400
Other Accession	NM_016861, NP_058557
Reactivity	**Mouse, Rat**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**36kDa KDa**

PDLIM1 antibody - middle region - Additional Information

Gene ID 54132

Alias Symbol **Clim1, mClim1**

Other Names
PDZ and LIM domain protein 1, C-terminal LIM domain protein 1, Elfin, LIM domain protein CLP-36, Pdlim1, Clim1

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 100 ul of distilled water. Final anti-PDLIM1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
PDLIM1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

PDLIM1 antibody - middle region - Protein Information

Name Pdlim1

Synonyms Clim1

Function
Cytoskeletal protein that may act as an adapter that brings other proteins (like kinases) to the cytoskeleton (By similarity). Involved in assembly, disassembly and directioning of stress fibers in fibroblasts. Required for the localization of ACTN1 and PALLD to stress fibers. Required for cell migration and in maintaining cell polarity of fibroblasts (By similarity).

Cellular Location

Cytoplasm, cytoskeleton. Cytoplasm, myofibril, sarcomere, Z line {ECO:0000250|UniProtKB:O00151}. Note=Associates with the actin stress fibers (PubMed:11596114)

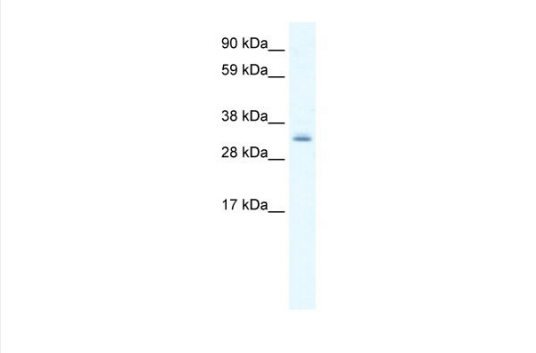
Tissue Location
Expressed in heart, lung, spleen, testis and skeletal muscle.

PDLIM1 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PDLIM1 antibody - middle region - Images



WB Suggested Anti-PDLIM1 Antibody Titration: 0.625µg/ml
ELISA Titer: 1:1562500
Positive Control: NIH/3T3 cell lysate

PDLIM1 antibody - middle region - References

Remedios,R., et al., (2004) J. Neurosci. 24 (31), 6986-6990Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.