

PDLIM1 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI11156

Product Information

Application	WB
Primary Accession	O70400
Other Accession	NM_016861 , NP_058557
Reactivity	Mouse, Rat
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35774

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.

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.

References

Remedios,R., et al., (2004) J. Neurosci. 24 (31), 6986-6990
Reconstitution 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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.