

KD-Validated Anti-PDZ And LIM Domain 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1672

Product Information

Application	WB, FC
Primary Accession	O00151
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB1310
Calculated MW	36072
Gene Name	PDLIM1
Aliases	PDLIM1; PDZ And LIM Domain 1; CLP36; CLP-36; HCLIM1; Elfin; CLIM1; Carboxyl Terminal LIM Domain Protein 1; PDZ And LIM Domain Protein 1; LIM Domain Protein CLP-36; Epididymis Secretory Protein Li 112; C-Terminal LIM Domain Protein 1; PDZ And LIM Domain 1 (Elfin); HEL-S-112
Immunogen	A synthesized peptide derived from human PDLIM1

Additional Information

Gene ID	9124
Other Names	PDZ and LIM domain protein 1, C-terminal LIM domain protein 1, Elfin, LIM domain protein CLP-36, PDLIM1, CLIM1, CLP36

Protein Information

Name	PDLIM1
Synonyms	CLIM1, CLP36
Function	Cytoskeletal protein that may act as an adapter that brings other proteins (like kinases) to the cytoskeleton (PubMed: 10861853). 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. Cytoplasm, cytoskeleton. Cytoplasm, myofibril, sarcomere, Z line Note=Associates with actin stress fibers
Tissue Location	Strongly expressed in the heart and skeletal muscle, moderately expressed in the spleen, small intestine, colon, placenta, and lung. A lower level expression is seen in liver, thymus, kidney, prostate and pancreas and is not found in the brain, testis, ovary, and peripheral blood leukocytes

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