

**PDLIM1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14914b****Specification**

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**PDLIM1 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O00151](#)**PDLIM1 Antibody (C-term) Blocking Peptide - 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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**PDLIM1 Antibody (C-term) Blocking Peptide - 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: &lt;a href="http://www.uniprot.org/citations/10861853" target="\_blank"&gt;10861853&lt;/a&gt;). 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

**PDLIM1 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**PDLIM1 Antibody (C-term) Blocking Peptide - Images****PDLIM1 Antibody (C-term) Blocking Peptide - Background**

PDLIM1 is a Cytoskeletal protein that may act as an adapter that brings other proteins (like kinases) to the cytoskeleton.

**PDLIM1 Antibody (C-term) Blocking Peptide - References**

Chapuis, J., et al. Mol. Psychiatry 14(11):1004-1016(2009) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Silverberg, M.S., et al. Eur. J. Hum. Genet. 15(3):328-335(2007) Miehe, U., et al. Histochem. Cell Biol. 126(4):465-471(2006) Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006)