

## Rabbit PDLIM5 Polyclonal Antibody | anti-PDLIM5 antibody

PDLIM5 antibody - middle region

| CATALOG # | HOST   | REACTIVITY                                                        | APPLICATIONS                       |
|-----------|--------|-------------------------------------------------------------------|------------------------------------|
| AAA197767 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish | Immunohistochemistry, Western Blot |

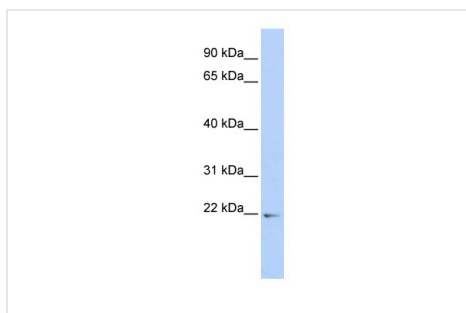
### PRODUCT SYNONYMS

PDLIM5; Polyclonal Antibody; PDLIM5 antibody - middle region; anti-PDLIM5 antibody

### PRODUCT SPECIFICATIONS

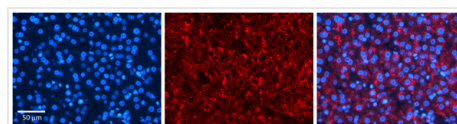
|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                |
| Reactivity                                       | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                                            |
| Purity/Purification                              | Affinity Purified                                                                                                                                     |
| Form/Format                                      | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                         | Synthetic peptide with the following region: VK IPPKRPPRKH IVERYTEFYH VPTHSDASKK RLIEDTEDWR PRTGTTQS                                                  |
| Sequence Length                                  | 214                                                                                                                                                   |
| Applicable Applications for anti-PDLIM5 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Homology                                         | Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 86%                                       |
| Immunogen                                        | The immunogen is a synthetic peptide directed towards the middle region of human PDLIM5                                                               |
| Preparation and Storage                          | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

WB Suggested Anti-PDLIM5 Antibody Titration: 0.2-1 ug/ml  
 ELISA Titer: 1:62500  
 Positive Control: HepG2 cell lysate  
 There is BioGPS gene expression data showing that PDLIM5 is expressed in HepG2



#### IHC (Immunohistochemistry)

Rabbit Anti-PDLIM5 Antibody  
 Formalin Fixed Paraffin Embedded Tissue: Human Liver  
 Tissue  
 Observed Staining: Cytoplasm in hepatocytes  
 Primary Antibody Concentration: 1:100  
 Other Working Concentrations: N/A  
 Secondary Antibody: Donkey anti-Rabbit-Cy3  
 Secondary Antibody Concentration: 1:200  
 Magnification: 20X  
 Exposure Time: 0.5 - 2.0 sec

## ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PDLIM5 antibody | <p>This is a rabbit polyclonal antibody against PDLIM5. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: PDLIM5 is a LIM domain protein. LIM domains are cysteine-rich double zinc fingers composed of 50 to 60 amino acids that are involved in protein-protein interactions. LIM domain-containing proteins are scaffolds for the formation of multiprotein complexes. The proteins are involved in cytoskeleton organization, cell lineage specification, organ development, and oncogenesis. PDLIM5 is also a member of the Enigma class of proteins, a family of proteins that possess a 100-amino acid PDZ domain in the N terminus and 1 to 3 LIM domains in the C terminus. Multiple transcript variants encoding different isoforms have been found for this gene, although not all of them have been fully characterized. The protein encoded by this gene is a LIM domain protein. LIM domains are cysteine-rich double zinc fingers composed of 50 to 60 amino acids that are involved in protein-protein interactions. LIM domain-containing proteins are scaffolds for the formation of multiprotein complexes. The proteins are involved in cytoskeleton organization, cell lineage specification, organ development, and oncogenesis. The encoded protein is also a member of the Enigma class of proteins, a family of proteins that possess a 100-amino acid PDZ domain in the N terminus and 1 to 3 LIM domains in the C terminus. Multiple transcript variants encoding different isoforms have been found for this gene, although not all of them have been fully characterized.</p> |
| Product Categories/Family for anti-PDLIM5 antibody   | Polyclonal; Transcription Factor; Developmental Biology; Disease Related                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 58533161                               |
| NCBI GeneID                      | 10611                                  |
| NCBI Accession #                 | NP_001011516                           |
| NCBI GenBank Nucleotide #        | NM_001011516                           |
| UniProt Accession #              | Q8WVK0; Q96HC4                         |
| Molecular Weight                 | 24kDa                                  |
| NCBI Official Full Name          | PDZ and LIM domain protein 5 isoform e |
| NCBI Official Synonym Full Names | PDZ and LIM domain 5                   |
| NCBI Official Symbol             | PDLIM5                                 |
| NCBI Official Synonym Symbols    | L9; ENH; LIM; ENH1                     |
| NCBI Protein Information         | PDZ and LIM domain protein 5           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pdlim5-antibody-immunohistochemistry-western-blot-elisa/197767>