

Rabbit PDLIM5 Polyclonal Antibody | anti-PDLIM5 antibody

PDLIM5 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23464	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

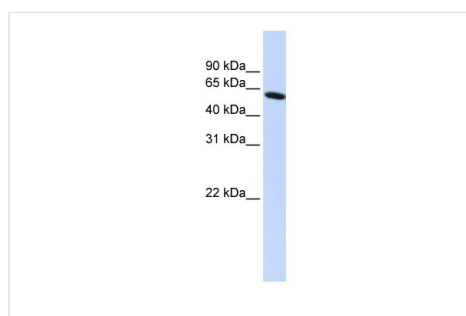
PRODUCT SYNONYMS

PDLIM5; Polyclonal Antibody; PDLIM5 antibody - N-terminal region; anti-PDLIM5 antibody

PRODUCT SPECIFICATIONS

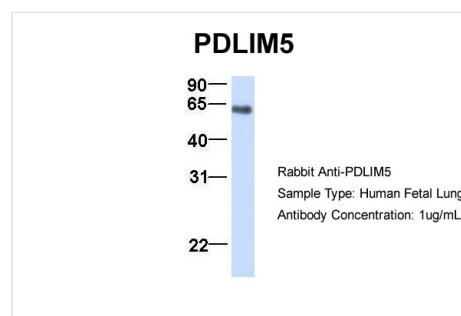
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SN YSVSLVGPPWGFR LQGKKD FNMPLTISL KDGGKAAQAN VRIGDVVL
Sequence Length	596
Applicable Applications for anti-PDLIM5 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal 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



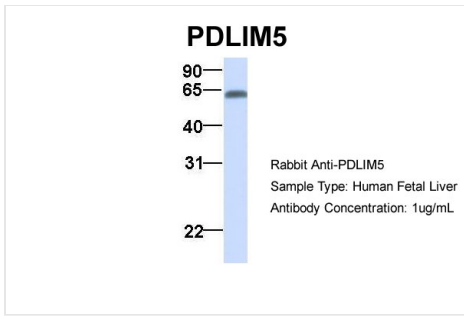
WB (Western Blot)

WB Suggested Anti-PDLIM5 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate
There is BioGPS gene expression data showing that PDLIM5 is expressed in HepG2



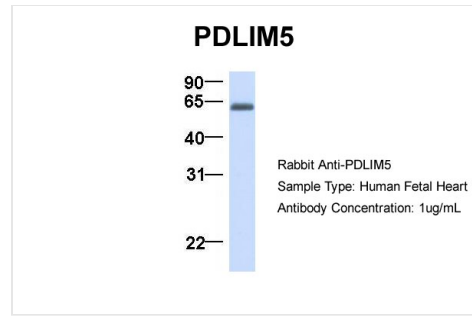
WB (Western Blot)

Host: Rabbit
Target Name: PDLIM5
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml



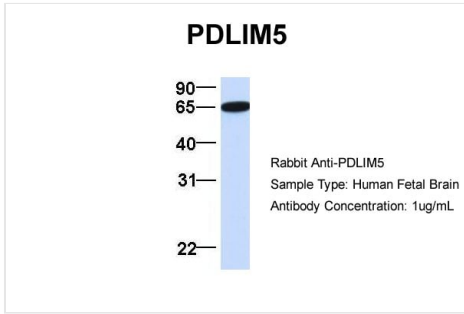
WB (Western Blot)

Host: RabbitTarget Name: PDLIM5Sample Type: Human Fetal LiverAntibody Dilution: 1.0ug/ml



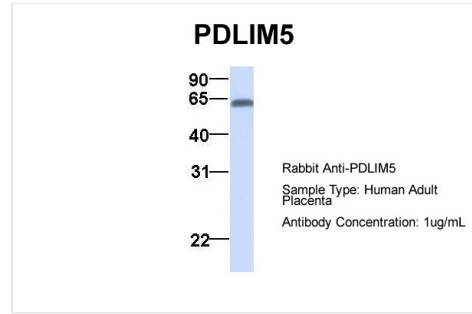
WB (Western Blot)

Host: RabbitTarget Name: PDLIM5Sample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: PDLIM5Sample Type: Human Fetal BrainAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: PDLIM5Sample Type: Human Adult PlacentaAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PDLIM5 antibody

This is a rabbit polyclonal antibody against PDLIM5. It was validated on Western Blot using a cell lysate as a positive control.

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. 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. 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.

Product Categories/Family for anti-PDLIM5 antibody

[Polyclonal](#); [Transcription Factor](#); [Developmental Biology](#); [Various](#); [Disease Related](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	374092020
NCBI GeneID	10611
NCBI Accession #	NP_006448
NCBI GenBank Nucleotide #	NM_006457
UniProt Accession #	Q96HC4
Molecular Weight	64kDa

NCBI Official Full Name	PDZ and LIM domain protein 5 isoform a
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
UniProt Protein Name	PDZ and LIM domain protein 5
UniProt Gene Name	PDLIM5
UniProt Synonym Gene Names	ENH
UniProt Entry Name	PDLI5_HUMAN

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://stage.aaabiotech.com/polyclonal/pdlim5-antibody-western-blot-elisa/23464>