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Datasheet for ABIN2780775
anti-PDLIM5 antibody (N-Term)

8 Images

Overview

Quantity:	100 µL
Target:	PDLIM5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDLIM5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PDLIM5
Sequence:	SNYSVSLVGP APWGFRLQGG KDFNMPLTIS SLKDGGKAAQ ANVRIGDVVL
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against PDLIM5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PDLIM5
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Target Details

Alternative Name: PDLIM5 ([PDLIM5 Products](#))

Background: 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.

Alias Symbols: ENH, ENH1, L9, LIM

Protein Interaction Partner: KRTAP10-7, KRT40, CCDC136, COIL, ZYX, UBC, SUMO2, SUMO3, SUZ12, RNF2, BMI1, PDE12, NPLOC4, IPO11, PLIN3, UBA2, EIF4A3, ANP32A, TPD52, SRP14, RAD23B, PKM, METTL1, CBS, CALU, FN1, ELMSAN1, SIN3A, DSTN, NDUFA7, GFI1B, SUMO1, TRIM39, CACNA1B, PRKCG, PRKCE, PR

Protein Size: 596

Molecular Weight: 64 kDa

Gene ID: 10611

NCBI Accession: [NM_006457](#), [NP_006448](#)

UniProt: [Q96HC4](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 596 AA

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

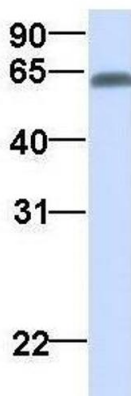
Images



Western Blotting

Image 1. 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

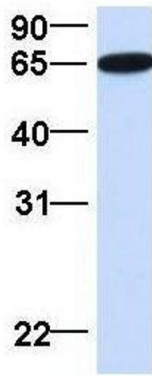
PDLIM5



Western Blotting

Image 2. Host: Rabbit Target Name: PDLIM5 Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml

PDLIM5



Western Blotting

Image 3. Host: Rabbit Target Name: PDLIM5 Sample Type: Human Fetal Brain Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN2780775.