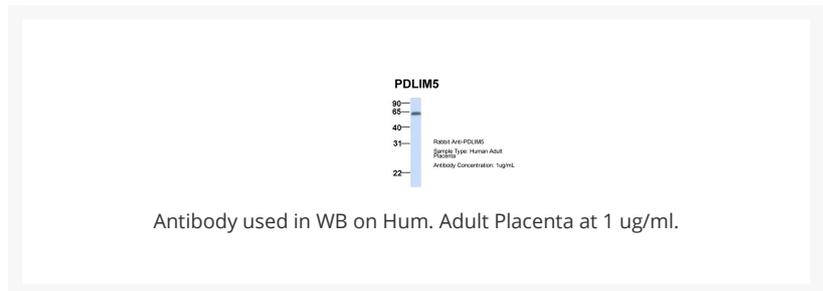
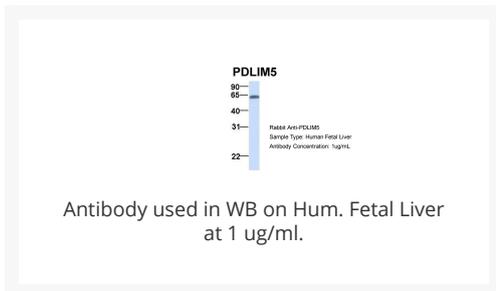
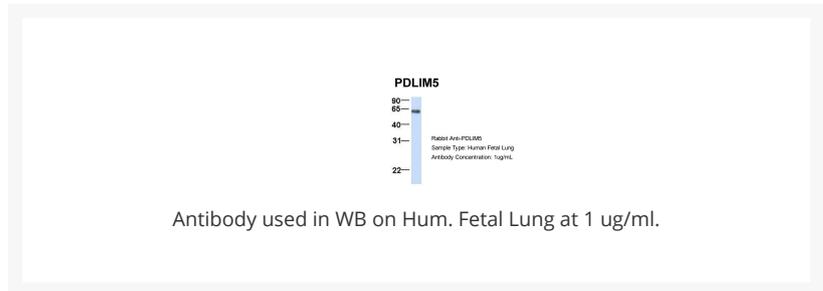
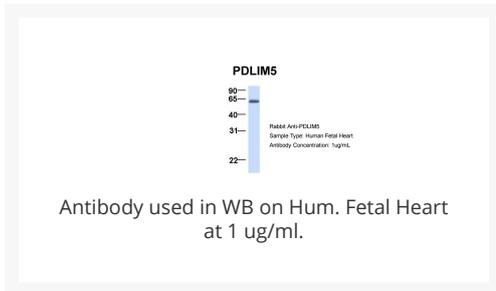
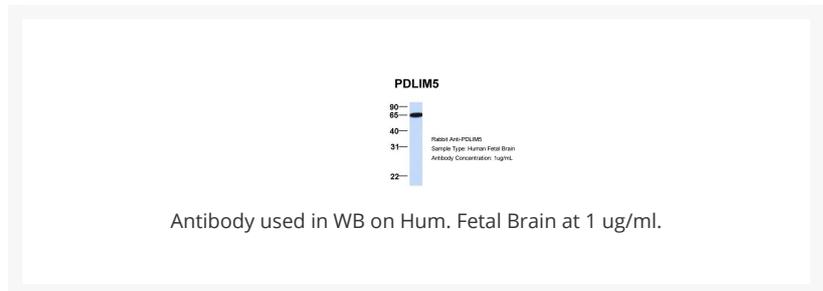
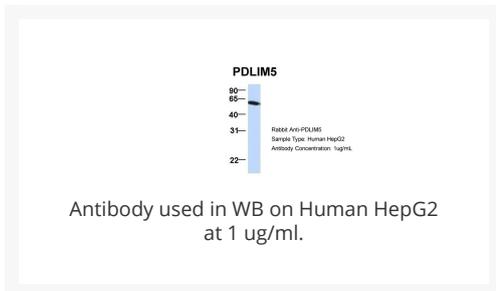
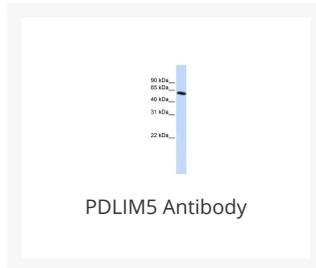
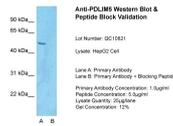




# PDLIM5 Antibody

Cat. No.: 25-451





Antibody used in WB on HepG2 at 1 µg/ml (Lane A: Primary Antibody and Lane B: Primary Antibody + Blocking Peptide).

## Ψ Specifications

<b>HOST SPECIES:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human
<b>IMMUNOGEN:</b>	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human PDLIM5.
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	PDLIM5 antibody can be used for detection of PDLIM5 by ELISA at 1:312500. PDLIM5 antibody can be used for detection of PDLIM5 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1211 - HepG2 Cell Lysate
<b>PREDICTED MOLECULAR WEIGHT:</b>	64 kDa

## Ψ Properties

<b>PURIFICATION:</b>	Antibody is purified by peptide affinity chromatography method.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>CONCENTRATION:</b>	batch dependent
<b>STORAGE CONDITIONS:</b>	For short periods of storage (days) store at 4 °C. For longer periods of storage, store PDLIM5 antibody at -20 °C. As with any antibody avoid repeat freeze-thaw cycles.

## Ψ Additional Info

<b>OFFICIAL SYMBOL:</b>	PDLIM5
<b>ALTERNATE NAMES:</b>	PDLIM5, ENH, ENH1, L9, LIM
<b>ACCESSION NO.:</b>	NP_006448
<b>PROTEIN GI NO.:</b>	374092020
<b>GENE ID:</b>	10611
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.

## Background and References

<b>BACKGROUND:</b>	<p>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.</p>
<b>REFERENCES:</b>	<p>1) Squassina, A., (2008) Psychiatr. Genet. 18 (3), 128-132.</p>

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