

Rabbit PTPLB Polyclonal Antibody | anti-PTPLB antibody

PTPLB Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290015	Rabbit	Human (Predicted Reactivity: Bovine)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

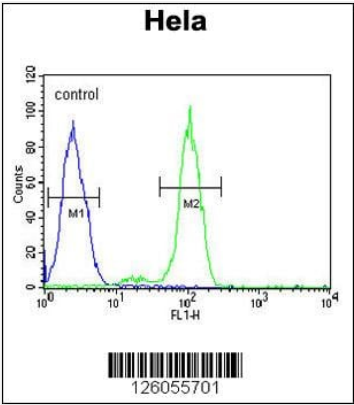
PRODUCT SYNONYMS

PTPLB; Polyclonal Antibody; PTPLB Antibody (C-term); Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 2; 3-hydroxyacyl-CoA dehydratase 2; HACD2; Protein-tyrosine phosphatase-like member B; anti-PTPLB antibody

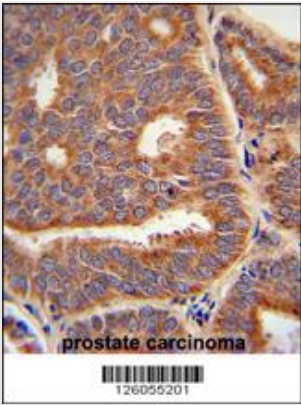
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PTPLB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 226-254 amino acids from the C-terminal region of human PTPLB.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	226-254
Sequence Length	254
Applicable Applications for anti-PTPLB antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

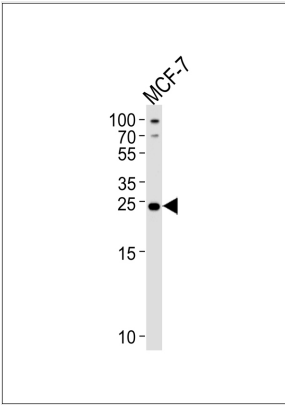
IMAGES



FCM/FACS (Flow Cytometry)
PTPLB Antibody (C-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
PTPLB Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PTPLB Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysate from MCF-7 cell line, using PTPLB Antibody (C-term). AAA290015 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPLB antibody	PTPLB is probable anti-phosphatase.
Product Categories/Family for anti-PTPLB antibody	Cardiovascular ; Metabolism ; Neuroscience
References	Wang, B., et al. Mol. Cell. Biol. 24(7):2767-2778(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	38257153
NCBI GeneID	201562
NCBI Accession #	NP_940684.1
NCBI GenBank Nucleotide #	NM_198402.3
UniProt Accession #	Q6Y1H2
Molecular Weight	28368

NCBI Official Full Name	very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 2
NCBI Official Synonym Full Names	3-hydroxyacyl-CoA dehydratase 2
NCBI Official Symbol	HACD2
NCBI Official Synonym Symbols	PTPLB
NCBI Protein Information	very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 2
UniProt Protein Name	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 2
UniProt Gene Name	HACD2
UniProt Synonym Gene Names	HACD2
UniProt Entry Name	HACD2_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://www.aaabiotech.com/polyclonal/ptplb-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/290015>