

Rabbit anti-Human PLBL2/PLBD2 Polyclonal Antibody | anti-PLBL2/PLBD2 antibody

PLBL2/PLBD2 Antibody, Rabbit PAb, Antigen Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258640	Rabbit	Human	Immunohistochemistry, ELISA

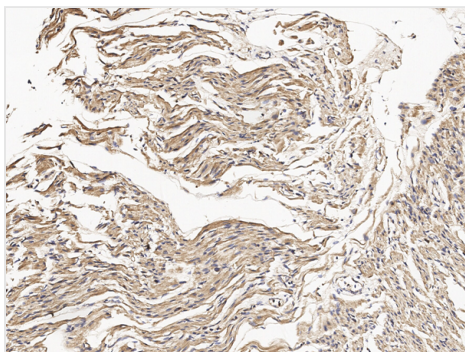
PRODUCT SYNONYMS

PLBL2/PLBD2; Polyclonal Antibody; PLBL2/PLBD2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-P76 Antibody; anti-PLBL2/PLBD2 antibody

PRODUCT SPECIFICATIONS

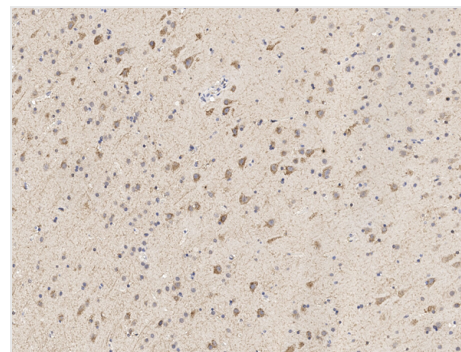
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human PLBL2/PLBD2
Applicable Applications for anti-PLBL2/PLBD2 antibody	IHC (Immunohistochemistry), ELISA
Preparation	Produced in rabbits immunized with purified, recombinant Human PLBL2/PLBD2 (rh PLBL2/PLBD2; Q8NHP8; Met1-Asp589). PLBL2/PLBD2 specific IgG was purified by Human PLBL2/PLBD2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human PLBD2 in human heart with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human PLBD2 in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-PLBL2/PLBD2 antibody

PLBD2 localizes to the lysosome, as its absence could plausibly lead to a serious yet unrecognized lysosomal storage disease. PLBD1 and PLBD2 are semi-orphans in the sense of being probable phospholipases of B class but with uncertain physiological substrates and thus functionalities. PLBD1 and PLBD2 constitute a small gene family (sequence homology class) within vertebrates though one that occurs expanded in some early diverging eukaryotes. PLBD2 presents a special difficulty in that a sequence of post-translational steps are apparently necessary for its activation. Without these, potential substrates can hardly be assayed. These steps include removal of the signal peptide, mannosylation appropriate to the lysosome targeting receptor, and self-catalytic proteolytic activation to expose the substrate binding site as this becomes appropriate.

Product Categories/Family for anti-PLBL2/PLBD2 antibody	Metabolism
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NCBI AND UNIPROT INFORMATION

NCBI GI #	229093316
NCBI GeneID	196463
NCBI Accession #	NP_775813.2
NCBI GenBank Nucleotide #	NM_173542.3
UniProt Accession #	Q8NHP8; F5H5E2
Molecular Weight	61,885 Da
NCBI Official Full Name	putative phospholipase B-like 2 isoform 1
NCBI Official Synonym Full Names	phospholipase B domain containing 2
NCBI Official Symbol	PLBD2
NCBI Official Synonym Symbols	P76
NCBI Protein Information	putative phospholipase B-like 2; PLB homolog 2; 76 kDa protein; LAMA-like protein 2; lamina ancestor homolog 2; phospholipase B-like 2 32 kDa form; phospholipase B-like 2 45 kDa form; phospholipase B domain-containing protein 2; mannose-6-phosphate protei
UniProt Protein Name	Putative phospholipase B-like 2
UniProt Gene Name	PLBD2
UniProt Synonym Gene Names	p76
UniProt Entry Name	PLBL2_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/plbl2-plbd2-antibody-immunohistochemistry-elisa/258640>