

Rabbit anti-Human PLCB2 Polyclonal Antibody | anti-PLCB2 antibody

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CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA244100	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

PLCB2; Polyclonal Antibody; Rabbit anti-Human PLCB2 Polyclonal Antibody; 1-phosphatidylinositol 4;5-bisphosphate phosphodiesterase beta-2 (EC 3.1.4.11) (Phosphoinositide phospholipase C-beta-2) (Phospholipase C-beta-2) (PLC-beta-2); PLCB2 Antibody; anti-PLCB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid. Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Applicable Applications for anti-PLCB2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-2 protein (1031-1185aa)
Conjugation	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of diluted at 1:200 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.

ADDITIONAL INFORMATION

Related Product Information for anti-PLCB2 antibody	The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes.
Product Categories/Family for anti-PLCB2 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	95147333
NCBI GeneID	5330
NCBI Accession #	NP_004564.2
NCBI GenBank Nucleotide #	NM_004573.2
UniProt Accession #	Q00722; A8K6J2
Molecular Weight	134,024 Da
NCBI Official Full Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-2
NCBI Official Synonym Full Names	phospholipase C, beta 2
NCBI Official Symbol	PLCB2
NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-2; PLC-beta-2; phospholipase C-beta-2; phosphoinositide phospholipase C-beta-2; 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta-2
UniProt Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-2
UniProt Gene Name	PLCB2
UniProt Synonym Gene Names	PLC-beta-2
UniProt Entry Name	PLCB2_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/plcb2-antibody-immunofluorescence-immunohistochemistry-elisa/244100>