

Rabbit PLCB1 Polyclonal Antibody | anti-PLCB1 antibody

PLCB1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168742	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

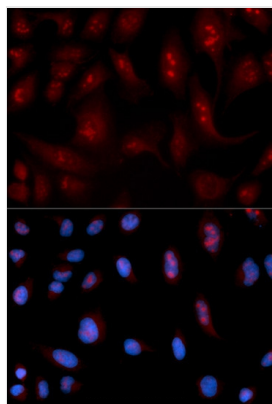
PRODUCT SYNONYMS

PLCB1; Polyclonal Antibody; PLCB1 Antibody; PLC-I; EIEE12; PI-PLC; PLC154; PLCB1A; PLCB1B; PLC-154; anti-PLCB1 antibody

PRODUCT SPECIFICATIONS

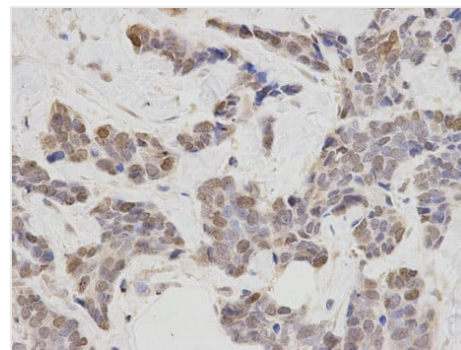
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	1158
Applicable Applications for anti-PLCB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PLCB1
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-31755 / sc-9050
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



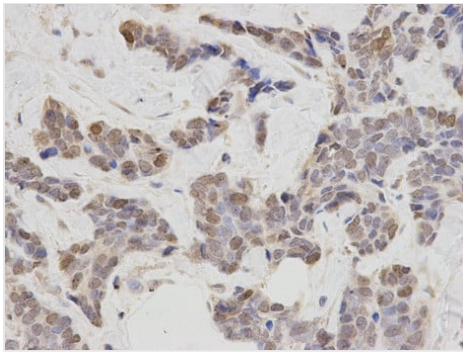
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using PLCB1 antibody. Blue: DAPI for nuclear staining.

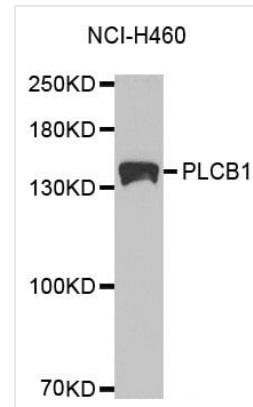


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat lung using PLCB1 antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using PLCB1 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)
Western blot analysis of extracts of NCI-H460 cell lines, using PLCB1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PLCB1 antibody

The protein encoded by this gene catalyzes the formation of inositol 1, 4, 5-trisphosphate and diacylglycerol from phosphatidylinositol 4, 5-bisphosphate. This reaction uses calcium as a cofactor and plays an important role in the intracellular transduction of many extracellular signals. This gene is activated by two G-protein alpha subunits, alpha-q and alpha-11. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #	62635478
NCBI GeneID	18795
Molecular Weight	136,309 Da
NCBI Official Full Name	Plcb1, partial
NCBI Official Synonym Full Names	phospholipase C, beta 1
NCBI Official Symbol	Plcb1
NCBI Official Synonym Symbols	Plcb; AI132408; mKIAA0581; 3110043I21Rik
NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1; 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta-1; PLC-154; PLC-beta-1; phosphoinositide phospholipase C; phosphoinositide phospholipase C-beta-1; phospholipase C-beta-1a
UniProt Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1
UniProt Gene Name	Plcb1
UniProt Synonym Gene Names	Plcb; PLC-beta-1
UniProt Entry Name	PLCB1_MOUSE

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/plcb1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/168742>