

Rabbit PLCB1 Polyclonal Antibody | anti-PLCB1 antibody

PLCB1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37042	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

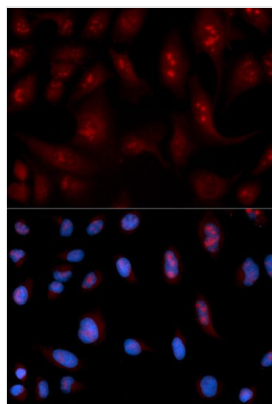
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

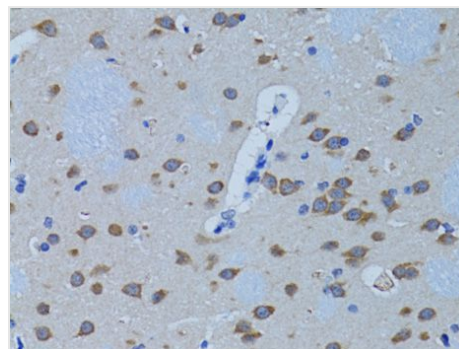
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	1216
Applicable Applications for anti-PLCB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PLCB1
Calculated Molecular Weight	139kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



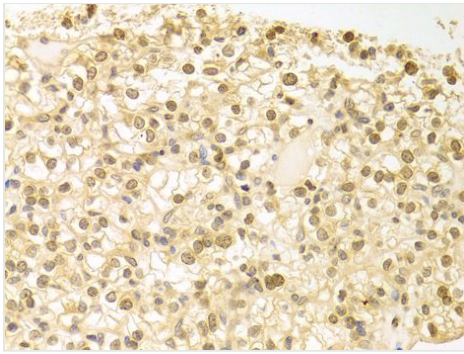
IF (Immunofluorescence)

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



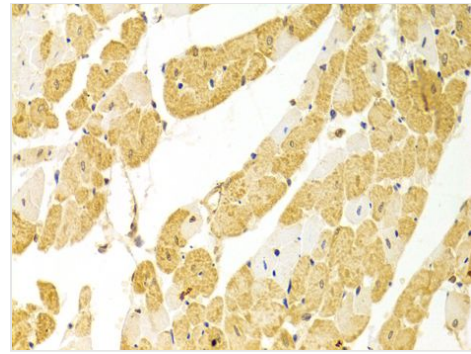
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using PLCB1 antibody at dilution of 1:100 (40x lens).



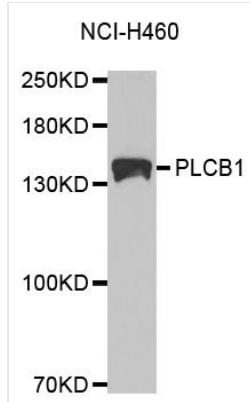
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney cancer using PLCB1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using PLCB1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of NCI-H460 cells, using PLCB1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

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]
Product Categories/Family for anti-PLCB1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	12643814
NCBI GeneID	23236
UniProt Accession #	Q9NQ66; O60325; Q17RQ6; Q5TFF7; Q5TGC9; Q8IV93; Q9BQW2; Q9H4H2; Q9H8H5; Q9NQ65; D3DW12; D3DW13
Molecular Weight	1216
NCBI Official Full Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1
NCBI Official Synonym Full Names	phospholipase C, beta 1 (phosphoinositide-specific)
NCBI Official Symbol	PLCB1
NCBI Official Synonym Symbols	PLC-I; EIEE12; PI-PLC; PLC154; PLCB1A; PLCB1B; PLC-154

NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1; PLC-beta-1; phospholipase C-I; phosphoinositidase C; inositoltrisphosphohydrolase; triphosphoinositide phosphodiesterase; monophosphatidylinositol phosphodiesterase; 1-phosphatidyl-D-myo-inositol-4,5-bisphosphate
UniProt Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1
UniProt Gene Name	PLCB1
UniProt Synonym Gene Names	KIAA0581; PLC-I; PLC-beta-1
UniProt Entry Name	PLCB1_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/plcb1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37042>