

Rabbit anti-Human PLCB1 Polyclonal Antibody | anti-PLCB1 antibody

PLCB1 Antibody

CATALOG # AAA233044	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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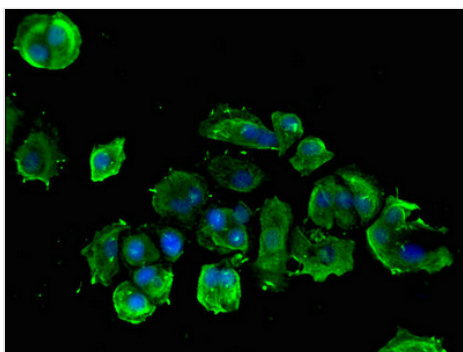
PRODUCT SYNONYMS

PLCB1; Polyclonal Antibody; PLCB1 Antibody; 1-phosphatidylinositol 4; 5-bisphosphate phosphodiesterase beta-1; PLC-154; Phosphoinositide phospholipase C-beta-1; Phospholipase C-I; PLC-I; Phospholipase C-beta-1; PLC-beta-1; KIAA0581; anti-PLCB1 antibody

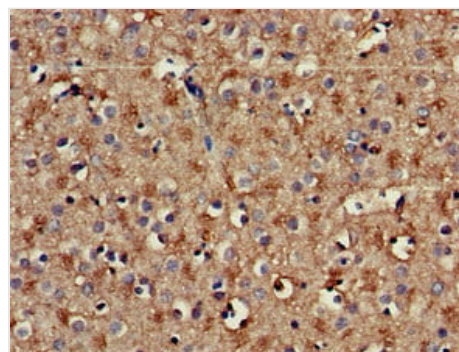
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1216
Applicable Applications for anti-PLCB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human 1-phosphatidylinositol 4, 5-bisphosphate phosphodiesterase beta-1 protein (781-896AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-31755 / sc-9050
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

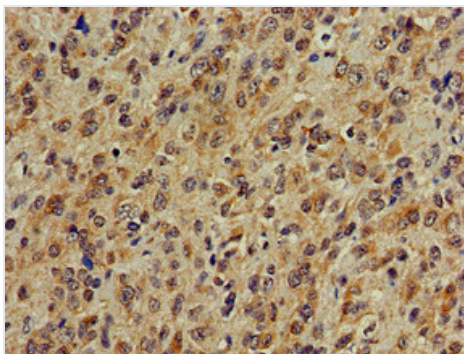
IMAGES


IHC (Immunohistochemistry)

Immunofluorescent analysis of MCF-7 cells using AAA233044 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA233044 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human glioma cancer using AAA233044 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-PLCB1 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12083581
NCBI GeneID	23236
NCBI Accession #	NP_056007.1
NCBI GenBank Nucleotide #	NM_015192.3
UniProt Accession #	Q9NQ66; O60325; Q17RQ6; Q5TFF7; Q5TGC9; Q8IV93; Q9BQW2; Q9H4H2; Q9H8H5; Q9NQ65; D3DW12; D3DW13
Molecular Weight	133,703 Da
NCBI Official Full Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1 isoform a
NCBI Official Synonym Full Names	phospholipase C beta 1
NCBI Official Symbol	PLCB1
NCBI Official Synonym Symbols	PLC-I; EIEE12; PI-PLC; PLC154; PLCB1A; PLCB1B; PLC-154; PLC-beta-1
NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/plcb1-antibody-immunofluorescence-immunohistochemistry-elisa/233044>