

Rabbit PLCB1 Polyclonal Antibody | anti-PLCB1 antibody

PLCB1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200528	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

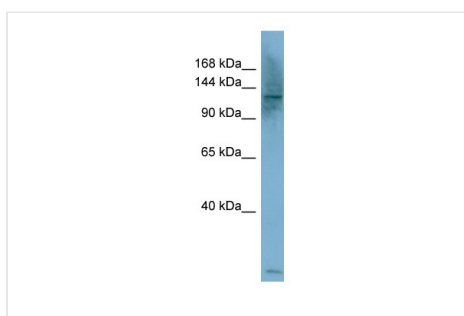
PRODUCT SYNONYMS

PLCB1; Polyclonal Antibody; PLCB1 antibody - middle region; anti-PLCB1 antibody

PRODUCT SPECIFICATIONS

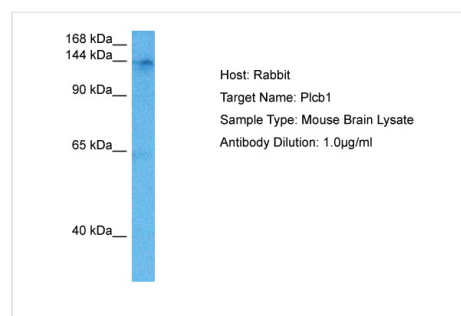
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EA QSKRQEKLVE KHKEIRQQIL DEKPKGEGSS SFLSETCHED PSVSPNFT
Sequence Length	1173
Applicable Applications for anti-PLCB1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PLCB1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PLCB1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate
There is BioGPS gene expression data showing that PLCB1 is expressed in HepG2



WB (Western Blot)

Host: Mouse
Target Name: PLCB1
Sample Tissue: Mouse Brain
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PLCB1 antibody	This is a rabbit polyclonal antibody against PLCB1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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
Product Categories/Family for anti-PLCB1 antibody	Polyclonal; Cell Cycle Proteins; Lymphocyte Signaling; Drugs and Drug Metabolism; WNT Signaling; GPCR; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	33356544
NCBI GeneID	23236
NCBI Accession #	NP_877398
NCBI GenBank Nucleotide #	NM_182734
UniProt Accession #	D3DW13; Q9NQ66
Molecular Weight	134kDa
NCBI Official Full Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1 isoform b
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

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.