

Rabbit Phospholipase C Beta 1 Polyclonal Antibody | anti-PLCb1 antibody

Phospholipase C Beta 1, Phosphoinositide Specific (PLCb1) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144856	Rabbit	Human, Mouse, Rat, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Phospholipase C Beta 1; Polyclonal Antibody; Phosphoinositide Specific (PLCb1) Polyclonal Antibody; PLC-B1; PI-PLC; PLC-154; PLC-I; 1-Phosphatidylinositol-4; 5-Bisphosphate Phosphodiesterase Beta-1; Phosphoinositide phospholipase C-beta-1; Phospholipase C-I; anti-PLCb1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PLCb1. It has been selected for its ability to recognize PLCb1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1211
Applicable Applications for anti-PLCb1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse, Rat, Pig
Organism Species	Human
Fragment	PLCb1 (Glu316~Gly476)
Quality Control	Content: The quality control contains recombinant PLCb1 (Glu316~Gly476) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Kidney Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Brain Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Stomach Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant PLCb1, Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Porcine Brain Tissue; Lane2: Rat Brain Tissue; Lane3: Mouse Brain Tissue.

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

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.