

Rabbit PLCG1-Y783 Antibody | anti-PLCG1 antibody

Phospho-PLCG1-Y783 Polyclonal Antibody

CATALOG # AAA37406	HOST Rabbit	APPLICATIONS Western Blot
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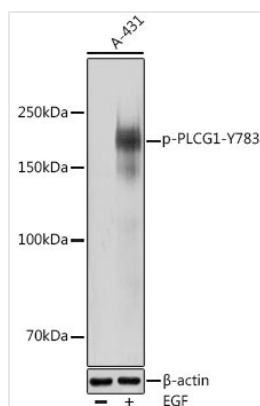
PRODUCT SYNONYMS

PLCG1-Y783; Phospho-PLCG1-Y783 Polyclonal Antibody; PLCG1; NCKAP3; PLC-II; PLC1; PLC148; PLCgamma1; anti-PLCG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Isotype	Isotype Purification Rabbit
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Applicable Applications for anti-PLCG1 antibody	WB (Western Blot)
Species Reactivity/Cross-Reactivity	Human, Mouse
Immunogen	A phospho specific peptide corresponding to residues surrounding Y783 of human PLCG1
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of A-431 cells, using Phospho-PLCG1-Y783 antibody (AAA37406) at 1:1000 dilution. A-431 cells were treated by EGF (25 ug/ml) at 37°C for 30 minutes after serum-starvation overnight. 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. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-PLCG1 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 receptor-mediated tyrosine kinase activators. For example, when activated by SRC, the encoded protein causes the Ras guanine nucleotide exchange factor RasGRP1 to translocate to the Golgi, where it activates Ras. Also, this protein has been shown to be a major substrate for heparin-binding growth factor 1 (acidic fibroblast growth factor)- activated tyrosine kinase. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PLCG1 antibody	Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	130225
NCBI GeneID	5335
UniProt Accession #	P19174; Q2V575; B7ZLY7; B9EGH4; E1P5W4
Molecular Weight	Observed MW: 155KDa Calculated MW: 148kDa
NCBI Official Full Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1
NCBI Official Synonym Full Names	phospholipase C, gamma 1
NCBI Official Symbol	PLCG1
NCBI Official Synonym Symbols	PLC1; NCKAP3; PLC-II; PLC148; PLCgamma1
NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1; PLC-148; PLC-gamma-1; phospholipase C-II; phospholipase C-148; phosphoinositidase C; phospholipase C-gamma-1; inositoltrisphosphohydrolase; phosphoinositide phospholipase C; phosphatidylinositol phospholipase C; triphosphoinositide phosphodiesterase; phosphoinositide phospholipase C-gamma-1; monophosphatidylinositol phosphodiesterase; 1-phosphatidyl-D-myo-inositol-4,5-bisphosphate; phospholipase C, gamma 1 (formerly subtype 148); 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma 1; 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma-1
UniProt Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1
UniProt Gene Name	PLCG1
UniProt Synonym Gene Names	PLC1; PLC-II; PLC-gamma-1
UniProt Entry Name	PLCG1_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.