

Rabbit PLCG2 Polyclonal Antibody | anti-PLCG2 antibody

PLCG2 antibody

CATALOG # AAA224823	HOST Rabbit	APPLICATIONS Western Blot, Immunofluorescence
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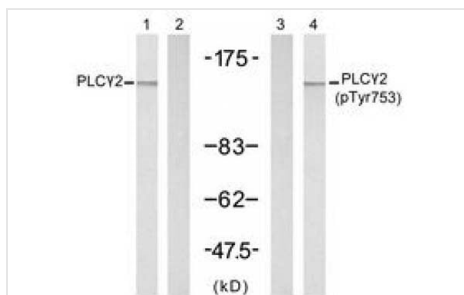
PRODUCT SYNONYMS

PLCG2; Polyclonal Antibody; PLCG2 antibody; Rabbit polyclonal PLCG2 antibody; Polyclonal PLCG2 antibody; Anti-PLCG2 antibody; PLCG 2 antibody; PLC-IV antibody; Phospholipase C gamma 2 antibody; PLCG-2; Phospho Tyr753 antibody; PLCG 2; PLCG-2 antibody; anti-PLCG2 antibody

PRODUCT SPECIFICATIONS

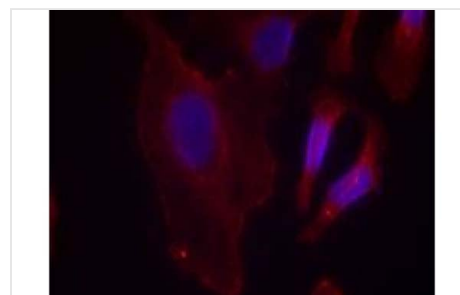
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1265
Applicable Applications for anti-PLCG2 antibody	WB (Western Blot), IF (Immunofluorescence)
Immunogen	PLCG2 antibody was raised in Rabbit using the peptide sequence around phosphorylation site of tyrosine 753 (S-L-Y(p)-D-V) derived from Human PLCG2 as the immunogen.
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of extracts from HepG2 cells untreated or treated with EGF using PLCy2 (Phospho-Tyr753) antibody



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using PLCy2 (Phospho-Tyr753) antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PLCG2 antibody	Enzymes of the phospholipase C family catalyze the hydrolysis of phospholipids to yield diacylglycerols and water-soluble phosphorylated derivatives of the lipid head groups. A number of these enzymes have specificity for phosphoinositides. Of the phosphoinositide-specific phospholipase C enzymes, C-beta is regulated by heterotrimeric Gprotein-coupled receptors, while the closely related C-gamma-1 and C-gamma-2 enzymes are controlled by receptor tyrosine kinases.
Product Categories/Family for anti-PLCG2 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	17391420
NCBI GeneID	5336
Molecular Weight	147,870 Da
NCBI Official Full Name	PLCG2 protein
NCBI Official Synonym Full Names	phospholipase C gamma 2
NCBI Official Symbol	PLCG2
NCBI Official Synonym Symbols	FCAS3; APLAID; PLC-IV; PLC-gamma-2
NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2
UniProt Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2
UniProt Gene Name	PLCG2
UniProt Synonym Gene Names	PLC-IV; PLC-gamma-2

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/plcg2-antibody-western-blot-immunofluorescence-elisa/224823>