

PLC gamma 1 Antibody | anti-PLC gamma 1 antibody

PLC gamma 1 (Phospho-Tyr783) Antibody

CATALOG # AAA111061	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
-------------------------------	--	-------------------------------------

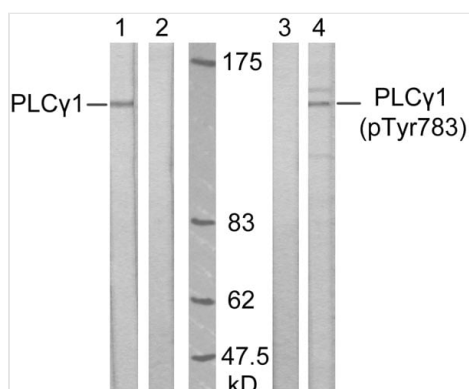
PRODUCT SYNONYMS

PLC gamma 1; PLC gamma 1 (Phospho-Tyr783) Antibody; anti-PLC gamma 1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PLC gamma 1 (phospho-Tyr783) antibody detects endogenous levels of PLC gamma 1 only when phosphorylated at tyrosine 783.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1291
Applicable Applications for anti-PLC gamma 1 antibody	WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PLC gamma 1 around the phosphorylation site of tyrosine 783 (G-F-YP-V-E).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extract from A431 cells, untreated or treated with EGF (200ng/ml, 10min), using PLC gamma 1 (Ab-783) antibody and PLC gamma 1 (phospho-Tyr783) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PLC gamma 1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
---	---

References	DeBell KE, et al. Mol Cell Biol. 1999 Nov; 19(11): 7388-7398. Verí MC, et al. Mol Cell Biol. 2001 Oct; 21(20): 6939-6950. Sette C, et al. EMBO J. 2002 Oct 15; 21(20): 5386-5395.
------------	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	33598948
NCBI GeneID	5335
NCBI Accession #	NP_002651.2
NCBI GenBank Nucleotide #	NM_002660.2
UniProt Accession #	P19174; Q2V575; B7ZLY7; B9EGH4; E1P5W4
Molecular Weight	148,660 Da
NCBI Official Full Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1 isoform a
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
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

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.