

PLCG1 Antibody | anti-PLCG1 antibody

PLCG1 (Phospho-Tyr771) Antibody

CATALOG # AAA109931	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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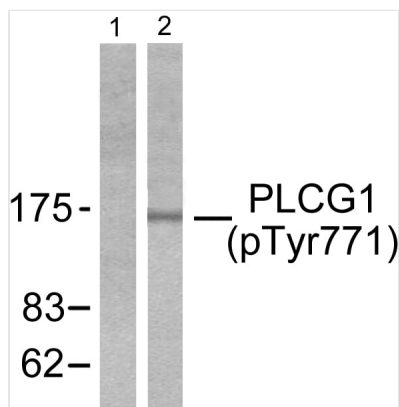
PRODUCT SYNONYMS

PLCG1; PLCG1 (Phospho-Tyr771) Antibody; Phospholipase C gamma 1; PLC148; PHOSPHOLIPASE C-148; anti-PLCG1 antibody

PRODUCT SPECIFICATIONS

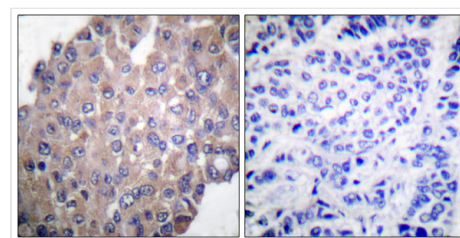
Reactivity	Human, Mouse, Rat
Specificity	PLCG1 (phospho-Tyr771) antibody detects endogenous levels of PLCG1 only when phosphorylated at tyrosine 771.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide 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-PLCG1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PLCG1 around the phosphorylation site of tyrosine 771 (P-D-YP-G-A).
All Sites	Human: Tyr771 Mouse: Tyr771 Rat: Tyr771
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COS7 cells treated with EGF (200ng/ml, 30mins), using PLCG1 (phospho-Tyr771) antibody.



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using PLCG1 (phospho-Tyr771) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PLCG1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Denis Tvorogov, J. Cell Sci., Feb 2005; 118: 601-610. Brenda J. Irvin, Mol. Cell. Biol., Dec 2000; 20: 9149-9161. Benoit Poulin, J. Biol. Chem., Feb 2000; 275: 6411. Ichiro Nakamura, J. Cell Biol., Jan 2001; 152: 361.

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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/plcg1/109931>