

Rabbit PLC gamma 1 Polyclonal Antibody | anti-PLCG1 antibody

Anti-PLC gamma 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104729	Rabbit	Human, Mouse, Rat, Bovine, Monkey	Immunohistochemistry, Western Blot

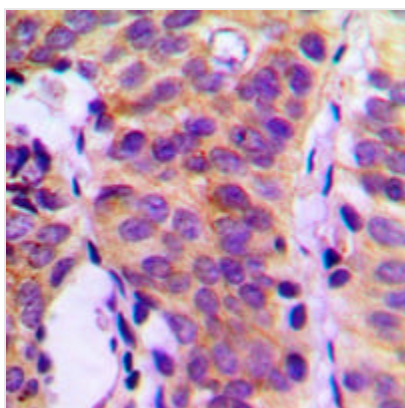
PRODUCT SYNONYMS

PLC gamma 1; Polyclonal Antibody; Anti-PLC gamma 1 Antibody; PLC1; 1-phosphatidylinositol 4; 5-bisphosphate phosphodiesterase gamma-1; PLC-148; Phosphoinositide phospholipase C-gamma-1; Phospholipase C-II; PLC-II; Phospholipase C-gamma-1; PLC-gamma-1; anti-PLCG1 antibody

PRODUCT SPECIFICATIONS

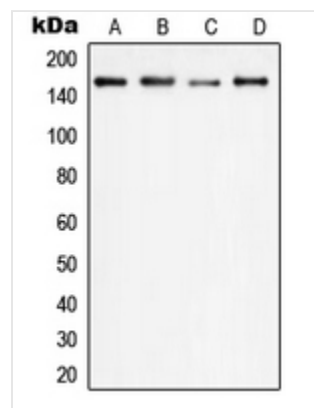
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PLC gamma 1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	1291
Applicable Applications for anti-PLCG1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PLC gamma 1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of PLC gamma 1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PLC gamma 1 expression in HEK293T (A), HeLa (B), SP2/0 (C), PC12 (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PLCG1 antibody	Rabbit polyclonal antibody to PLC gamma 1
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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; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/plc-gamma-1-antibody-immunohistochemistry-western-blot-elisa/104729>