

Rabbit anti-Human PLCG1 Polyclonal Antibody | anti-PLCG1 antibody

PLCG1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290604	Rabbit	Human	Western Blot

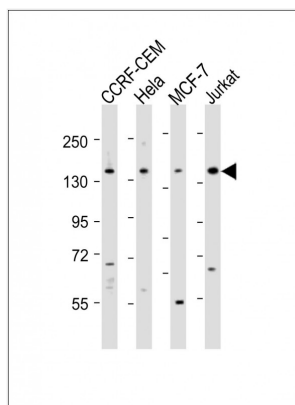
PRODUCT SYNONYMS

PLCG1; Polyclonal Antibody; PLCG1 Antibody (Center); Purified Rabbit Polyclonal Antibody (Pab); 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; PLC1; anti-PLCG1 antibody

PRODUCT SPECIFICATIONS

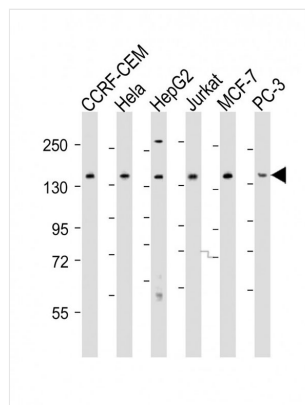
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Ig
Specificity	This PLCG1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 456-488 amino acids from the Central region of human PLCG1.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	1291
Applicable Applications for anti-PLCG1 antibody	WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-PLCG1 Antibody (Center) at 1:2000 dilution
Lane 1: CCRF-CEM whole cell lysates
Lane 2: HeLa whole cell lysates
Lane 3: MCF-7 whole cell lysates
Lane 4: Jurkat whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 149 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)

All lanes : Anti-PLCG1 Antibody (Center) at 1:2000 dilution
Lane 1: CCRF-CEM whole cell lysates
Lane 2: HeLa whole cell lysates
Lane 3: HepG2 whole cell lysates
Lane 4: Jurkat whole cell lysates
Lane 5: MCF-7 whole cell lysates
Lane 6: PC-3 whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 149 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-PLCG1 antibody	Mediates the production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3). Plays an important role in the regulation of intracellular signaling cascades. Becomes activated in response to ligand- mediated activation of receptor-type tyrosine kinases, such as PDGFRA, PDGFRB, FGFR1, FGFR2, FGFR3 and FGFR4. Plays a role in actin reorganization and cell migration.
Product Categories/Family for anti-PLCG1 antibody	Crown Antibodies; Cancer; Cardiovascular; Metabolism; Signal Transduction
References	Burgess W.H.,et al.Mol. Cell. Biol. 10:4770-4777(1990). Deloukas P.,et al.Nature 414:865-871(2001). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Mohammadi M.,et al.Mol. Cell. Biol. 11:5068-5078(1991). Park D.J.,et al.J. Biol. Chem. 267:1496-1501(1992).

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	148532
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
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/plcg1-antibody-western-blot-elisa/290604>