

Rabbit anti-Human PLCG2 Polyclonal Antibody | anti-PLCG2 antibody

Rabbit anti-PLCG2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213481	Rabbit	Human	Immunoprecipitation, Western Blot

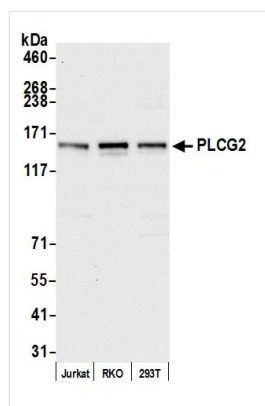
PRODUCT SYNONYMS

PLCG2; Polyclonal Antibody; Rabbit anti-PLCG2 Antibody; Affinity Purified; 1-phosphatidylinositol 4; 5-bisphosphate phosphodiesterase gamma-2; Phospholipase C-gamma-2; PLC-IV; PLC-gamma-2; phospholipase C-IV; phospholipase C; gamma 2 (phosphatidylinositol-specific); phosphoinositide phospholipase C-gamma-2; APLAID; FCAS3; phospholipase C gamma 2; anti-PLCG2 antibody

PRODUCT SPECIFICATIONS

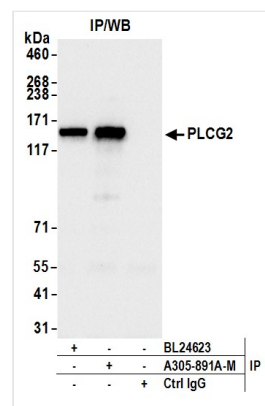
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PLCG2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 500 and 550
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PLCG2 by western blot. Samples: Whole cell lysate (15 ug) from Jurkat, RKO, and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PLCG2 antibody (AAA213481 lot 1) used for WB at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human PLCG2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PLCG2 antibody (AAA213481 lot 1) used for IP at 1 ug per reaction. PLCG2 was also immunoprecipitated by rabbit anti-PLCG2 antibody BL24623. For blotting immunoprecipitated PLCG2, AAA213481 was used at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PLCG2 antibody	Activation of PLCG2 results in the production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3). It is a crucial enzyme in transmembrane signaling. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P16885].
Product Categories/Family for anti-PLCG2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	117320537
NCBI GeneID	5336
NCBI Accession #	NP_002652.2
NCBI GenBank Nucleotide #	NM_002661.3
UniProt Accession #	P16885 ; Q3ZTS2 ; Q59H45 ; Q969T5 ; D3DUL3
Molecular Weight	147,870 Da
NCBI Official Full Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2
NCBI Official Synonym Full Names	phospholipase C, gamma 2 (phosphatidylinositol-specific)
NCBI Official Symbol	PLCG2
NCBI Official Synonym Symbols	FCAS3; APLAID
NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2; PLC-IV; PLC-gamma-2; phospholipase C-IV; phosphoinositide phospholipase C-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
UniProt Entry Name	PLCG2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/plcg2-antibody-immunoprecipitation-western-blot-elisa/213481>