

Rabbit anti-Human PLCB3 Polyclonal Antibody | anti-PLCB3 antibody

Rabbit anti-PLCB3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213216	Rabbit	Human	Immunoprecipitation, Western Blot

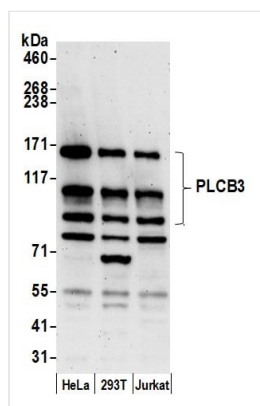
PRODUCT SYNONYMS

PLCB3; Polyclonal Antibody; Rabbit anti-PLCB3 Antibody; Affinity Purified; phosphoinositide phospholipase C-beta-3; phospholipase C; beta 3 (phosphatidylinositol-specific); Phospholipase C-beta-3; PLC beta 3; PLC-beta-3; 1-phosphatidylinositol 4; 5-bisphosphate phosphodiesterase beta-3; phospholipase C beta 3; anti-PLCB3 antibody

PRODUCT SPECIFICATIONS

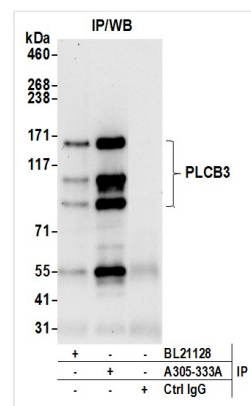
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PLCB3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 525 and 575
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 PLCB3 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PLCB3 antibody AAA213216 (lot AAA213216-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human PLCB3 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PLCB3 antibody AAA213216 (lot AAA213216-1) used for IP at 6 ug per reaction. PLCB3 was also immunoprecipitated by rabbit anti-PLCB3 antibody BL21128. For blotting immunoprecipitated PLCB3, AAA213216 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PLCB3 antibody	PLCB3 is a member of the phosphoinositide phospholipase C beta enzyme family that catalyze the production of the secondary messengers diacylglycerol and inositol 1,4,5-triphosphate from phosphatidylinositol in G-protein-linked receptor-mediated signal transduction [taken from NCBI Entrez Gene (Gene ID: 5331)].
Product Categories/Family for anti-PLCB3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11386139
NCBI GeneID	5331
NCBI Accession #	NP_000923.1
NCBI GenBank Nucleotide #	NM_000932.2
UniProt Accession #	Q01970; Q8N1A4; A5PKZ6; G5E960
Molecular Weight	138,799 Da
NCBI Official Full Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3 isoform 1
NCBI Official Synonym Full Names	phospholipase C, beta 3 (phosphatidylinositol-specific)
NCBI Official Symbol	PLCB3
NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3; PLC beta 3; PLC-beta-3; phosphoinositide phospholipase C-beta-3
UniProt Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3
UniProt Gene Name	PLCB3
UniProt Synonym Gene Names	PLC-beta-3
UniProt Entry Name	PLCB3_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://stage.aaabiotech.com/polyclonal/plcb3-antibody-immunoprecipitation-western-blot-elisa/213216>