

Rabbit PLC delta 4 Polyclonal Antibody | anti-PLCD4 antibody

Anti-PLC delta 4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA264563	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

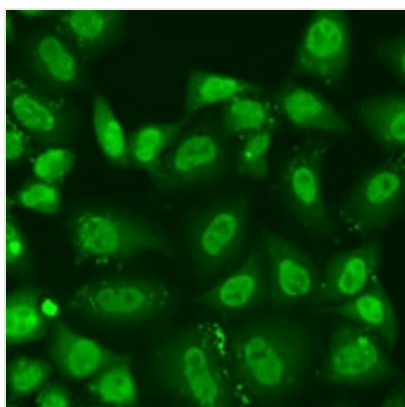
PRODUCT SYNONYMS

PLC delta 4; Polyclonal Antibody; Anti-PLC delta 4 Antibody; 1-phosphatidylinositol 4 5-bisphosphate phosphodiesterase delta-4; hPLCD4; Phosphoinositide phospholipase C-delta-4; Phospholipase C-delta-4; PLC-delta-4; anti-PLCD4 antibody

PRODUCT SPECIFICATIONS

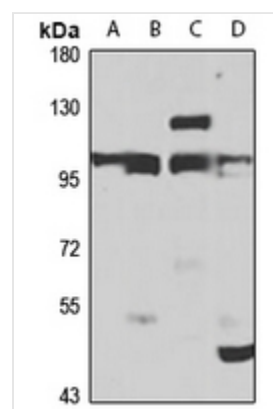
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PLC delta 4 protein.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Applicable Applications for anti-PLCD4 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PLC delta 4. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of PLC delta 4 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of PLC delta 4 expression in THP1 (A), mouse brain (B), mouse testis (C), rat brain (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PLCD4 antibody	Rabbit polyclonal antibody to PLC delta 4
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14249340
NCBI GeneID	84812
NCBI Accession #	NP_116115.1
NCBI GenBank Nucleotide #	NM_032726.3
UniProt Accession #	Q9BRC7; Q8K3R3; Q62711
Molecular Weight	31,448 Da
NCBI Official Full Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-4
NCBI Official Synonym Full Names	phospholipase C, delta 4
NCBI Official Symbol	PLCD4
NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-4
UniProt Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-4
UniProt Gene Name	PLCD4
UniProt Synonym Gene Names	hPLCD4; PLC-delta-4
UniProt Entry Name	PLCD4_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/plc-delta-4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/264563>