

PLCG2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50935

Product Information

Application	WB
Primary Accession	P16885
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	147870

Additional Information

Gene ID	5336
Other Names	1-phosphatidylinositol 4, 5-bisphosphate phosphodiesterase gamma-2, Phosphoinositide phospholipase C-gamma-2, Phospholipase C-IV, PLC-IV, Phospholipase C-gamma-2, PLC-gamma-2, PLCG2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PLC gamma 2. The exact sequence is proprietary.
Dilution	WB~~ 1:500
Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	PLCG2 (HGNC:9066)
Function	The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. It is a crucial enzyme in transmembrane signaling.
Cellular Location	Membrane raft {ECO:0000250 UniProtKB:Q8CIH5}.

Background

The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. It is a crucial enzyme

in transmembrane signaling.

References

Ohta S.,et al.FEBS Lett. 242:31-35(1988).

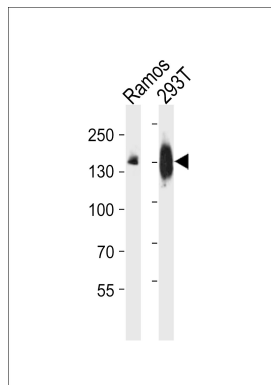
Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.

Kemmer D.,et al.BMC Genomics 7:48-48(2006).

Martin J.,et al.Nature 432:988-994(2004).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of lysates from Ramos,293T cell line (from left to right), using PLCG2 Antibody(AP50935). AP50935 was diluted at 1:500 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.Lysates at 20ug per lane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.