10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

PLCG2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50935

Specification

PLCG2 Antibody - Product Information

Application	**WB**
Primary Accession	P16885
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**148 KDa**
Antigen Region	**724-773**

PLCG2 Antibody - 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

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

PLCG2 Antibody - 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}.

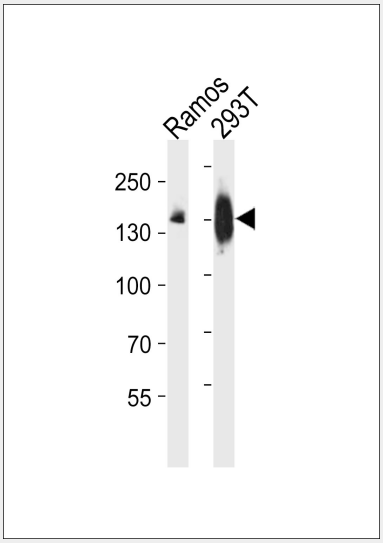
PLCG2 Antibody - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PLCG2 Antibody - Images



Western blot analysis of lysates from Ramos,293T cell line (from left to right), using PLCG2 Antibody(A1-1043). A1-1043 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.

PLCG2 Antibody - 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.

PLCG2 Antibody - 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).
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Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.