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PLCB2 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9253A

Specification

PLCB2 Antibody (N-term) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	Q00722
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**134024**
Antigen Region	**174-202**

PLCB2 Antibody (N-term) - Additional Information

Gene ID 5330

Other Names
1-phosphatidylinositol 4, 5-bisphosphate phosphodiesterase beta-2, Phosphoinositide phospholipase C-beta-2, Phospholipase C-beta-2, PLC-beta-2, PLCB2

Target/Specificity
This PLCB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 174-202 amino acids from the N-terminal region of human PLCB2.

Dilution
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PLCB2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PLCB2 Antibody (N-term) - Protein Information

Name PLCB2 (HGNC:9055)

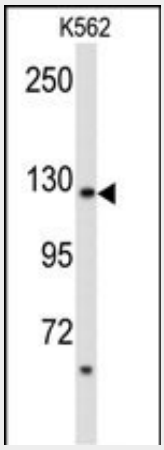
Function The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes.

PLCB2 Antibody (N-term) - Protocols

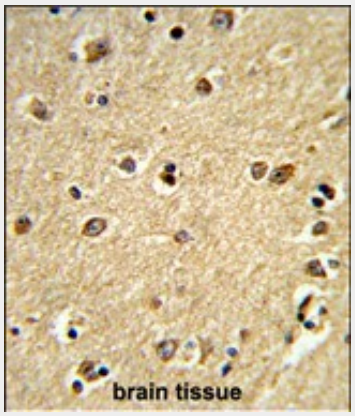
Provided below are standard protocols that you may find useful for product applications.

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

PLCB2 Antibody (N-term) - Images

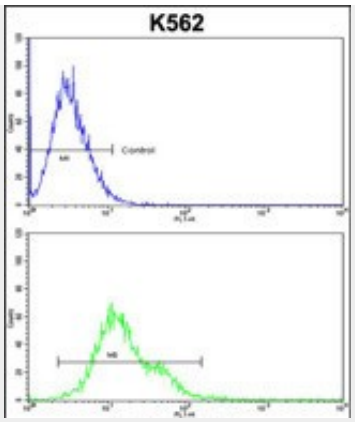


Western blot analysis of PLCB2 Antibody (N-term) (Cat. #AP9253a) in K562 cell line lysates (35ug/lane). PLCB2 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with PLCB2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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PLCB2 Antibody (N-term) (Cat. #AP9253a) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

PLCB2 Antibody (N-term) - Background

PLCB2 is 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.

PLCB2 Antibody (N-term) - References

Grinberg,S., et.al., Am. J. Pathol. 175 (6), 2439-2453 (2009)
Xiao,W., et.al., Cancer Cell 16 (2), 161-171 (2009)