

PC-PLD1 rabbit pAb

Cat No.: ES6613

For research use only

Overview

Product Name PC-PLD1 rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/5000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human PLD1. AA

range:527-576

Specificity PC-PLD1 Polyclonal Antibody detects endogenous

levels of PC-PLD1 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Phospholipase D1

Gene Name PLD1

Cellular localization Cytoplasm, perinuclear region . Endoplasmic

reticulum membrane; Lipid-anchor; Cytoplasmic side. Golgi apparatus membrane; Lipid-anchor; Cytoplasmic side. Late endosome membrane;

Lipid-anchor; Cytoplasmic side.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 5337 Human Swiss-Prot Number Q13393

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Alternative Names PLD1; Phospholipase D1; PLD 1; hPLD1; Choline

phosphatase 1; Phosphatidylcholine-hydrolyzing

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phospholipase D1

Background This gene encodes a phosphatidylcholine-specific

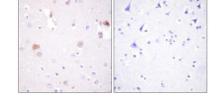
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phospholipase which catalyzes the hydrolysis of phosphatidylcholine in order to yield phosphatidic acid and choline. The enzyme may play a role in signal transduction and subcellular trafficking. Alternative splicing results in multiple transcript variants with both catalytic and regulatory properties. [provided by RefSeq, Sep 2011],

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using PLD1 Antibody. The picture on the right is blocked with the synthesized peptide.



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