

PLCD1/NDNC3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54942**Specification**

PLCD1/NDNC3 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	P51178
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	85665

PLCD1/NDNC3 Polyclonal Antibody - Additional Information**Gene ID** 5333**Other Names**

1-phosphatidylinositol 4, 5-bisphosphate phosphodiesterase delta-1, 3.1.4.11, Phosphoinositide phospholipase C-delta-1, Phospholipase C-III, PLC-III, Phospholipase C-delta-1, PLC-delta-1, PLCD1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=9060)
HGNC:9060

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PLCD1/NDNC3 Polyclonal Antibody - Protein Information**Name** PLCD1 ([HGNC:9060](#))**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 (PubMed:<http://www.uniprot.org/citations/9188725>). Essential for trophoblast and placental development (By similarity). Binds phosphatidylinositol 4,5-bisphosphate (PubMed:<http://www.uniprot.org/citations/7890667>, PubMed:<http://www.uniprot.org/citations/9188725>).

Tissue Location

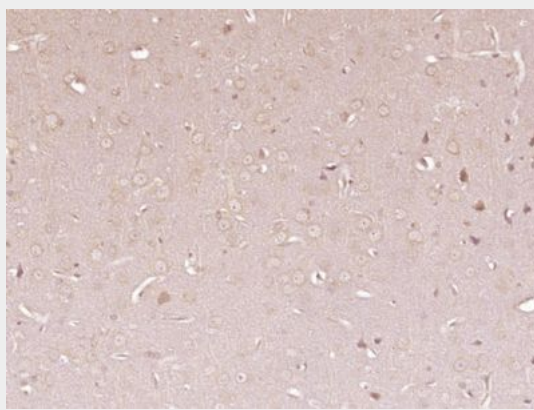
Strongly expressed in lung, liver and heart. Also expressed at least in pancreas, kidney, skeletal muscle, placenta and brain.

PLCD1/NDNC3 Polyclonal Antibody - Protocols

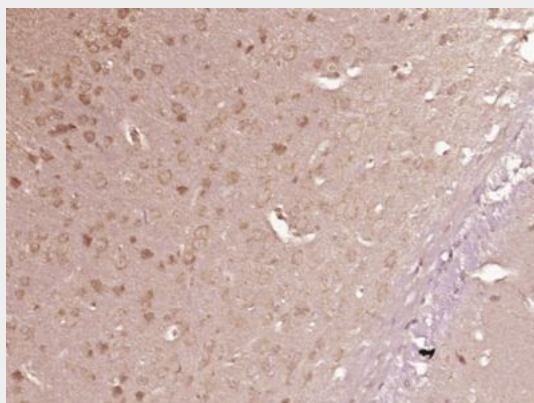
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PLCD1/NDNC3 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PLCD1/NDNC3) Polyclonal Antibody, Unconjugated (bs-12714R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PLCD1/NDNC3) Polyclonal Antibody, Unconjugated (bs-12714R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.