

PCYT2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54588

Specification

PCYT2 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	Q99447
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43835

PCYT2 Polyclonal Antibody - Additional Information

Gene ID 5833

Other Names

Ethanolamine-phosphate cytidyltransferase, 2.7.7.14, CTP:phosphoethanolamine cytidyltransferase, Phosphorylethanolamine transferase, PCYT2

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.

PCYT2 Polyclonal Antibody - Protein Information

Name PCYT2

Function

Ethanolamine-phosphate cytidyltransferase that catalyzes the second step in the synthesis of phosphatidylethanolamine (PE) from ethanolamine via the CDP-ethanolamine pathway (PubMed:[9083101](http://www.uniprot.org/citations/9083101)), (PubMed:[31637422](http://www.uniprot.org/citations/31637422)). Phosphatidylethanolamine is a dominant inner-leaflet phospholipid in cell membranes, where it plays a role in membrane function by structurally stabilizing membrane-anchored proteins, and participates in important cellular processes such as cell division, cell fusion, blood coagulation, and apoptosis (PubMed:[9083101](http://www.uniprot.org/citations/9083101)).

Tissue Location

Strongest expression in liver, heart, and skeletal muscle.

PCYT2 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](#)

PCYT2 Polyclonal Antibody - Images