

PCYT2 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12300**Specification**

PCYT2 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q99447
Other Accession	NM_002861 , NP_002852
Reactivity	Human, Mouse, Rat, Zebrafish, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Chicken, Horse, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43kDa kDa

PCYT2 antibody - C-terminal region - Additional Information**Gene ID** 5833

Alias Symbol	ET
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Other Names
Ethanolamine-phosphate cytidyltransferase, 2.7.7.14, CTP:phosphoethanolamine cytidyltransferase, Phosphorylethanolamine transferase, PCYT2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-PCYT2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

PCYT2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

PCYT2 antibody - C-terminal region - 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).

Tissue Location

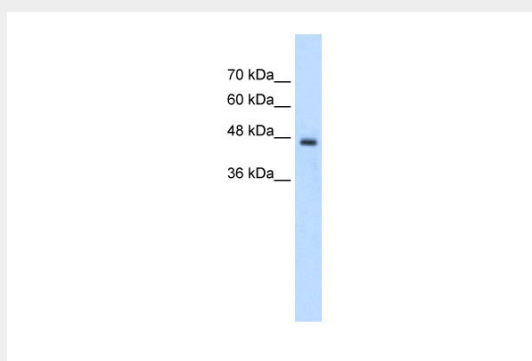
Strongest expression in liver, heart, and skeletal muscle.

PCYT2 antibody - C-terminal region - 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 antibody - C-terminal region - Images



WB Suggested Anti-PCYT2 Antibody Titration: 2.5µg/ml
Positive Control: Jurkat cell lysate

PCYT2 antibody - C-terminal region - References

Johnson, C.M., (2005) Biochim. Biophys. Acta 1735(3), 230-235 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.