

PCYT1A Antibody(C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19716b

Specification

PCYT1A Antibody(C-term) - Product Information

Application	WB,E
Primary Accession	P49585
Other Accession	P19836 , P49586 , P49584 , NP_005008.2
Reactivity	Human
Predicted	Hamster, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	41731
Antigen Region	281-309

PCYT1A Antibody(C-term) - Additional Information

Gene ID 5130

Other Names

Choline-phosphate cytidyltransferase A, CCT-alpha, CTP:phosphocholine cytidyltransferase A, CCT A, CT A, Phosphorylcholine transferase A, PCYT1A, CTPCT, PCYT1

Target/Specificity

This PCYT1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 281-309 amino acids from the C-terminal region of human PCYT1A.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

PCYT1A Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PCYT1A Antibody(C-term) - Protein Information

Name PCYT1A

Synonyms CTPCT, PCYT1

Function Catalyzes the key rate-limiting step in the CDP-choline pathway for phosphatidylcholine biosynthesis.

Cellular Location

Cytoplasm, cytosol {ECO:0000250|UniProtKB:P19836}. Membrane {ECO:0000250|UniProtKB:P19836}; Peripheral membrane protein {ECO:0000250|UniProtKB:P19836}. Endoplasmic reticulum. Nucleus Note=It can interconvert between an inactive cytosolic form and an active membrane-bound form. {ECO:0000250|UniProtKB:P19836}

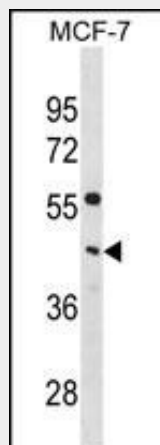
Tissue Location

Brain, placenta, liver, fetal and adult lung.

PCYT1A Antibody(C-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 Cytometry](#)
- [Cell Culture](#)

PCYT1A Antibody(C-term) - Images

PCYT1A Antibody (C-term) (Cat. #AP19716b) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the PCYT1A antibody detected the PCYT1A protein (arrow).

PCYT1A Antibody(C-term) - Background

PCYT1A controls phosphatidylcholine synthesis.

PCYT1A Antibody(C-term) - References

Mostowska, A., et al. J. Med. Genet. (2010) In press :

Mostowska, A., et al. Eur. J. Oral Sci. 118(4):325-332(2010)
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
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