

PCTP Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16620c

Specification

PCTP Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9UKL6
Other Accession	NP_001095872.1 , NP_067036.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	24843
Antigen Region	59-87

PCTP Antibody (Center) - Additional Information

Gene ID 58488

Other Names

Phosphatidylcholine transfer protein, PC-TP, START domain-containing protein 2, StARD2, StAR-related lipid transfer protein 2, PCTP, STARD2

Target/Specificity

This PCTP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 59-87 amino acids from the Central region of human PCTP.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

PCTP Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PCTP Antibody (Center) - Protein Information

Name PCTP

Synonyms STARD2

Function Catalyzes the transfer of phosphatidylcholine between membranes. Binds a single lipid molecule.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P53808}.

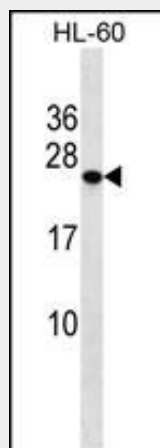
Tissue Location

Highest expression in liver, placenta, testis, kidney and heart. Low levels in brain and lung. No expression detected in thymus.

PCTP Antibody (Center) - 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](#)

PCTP Antibody (Center) - Images

PCTP Antibody (Center) (Cat. #AP16620c) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the PCTP antibody detected the PCTP protein (arrow).

PCTP Antibody (Center) - Background

PCTP catalyzes the transfer of phosphatidylcholine between membranes. Binds a single lipid molecule.

PCTP Antibody (Center) - References

Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Kanno, K., et al. J. Biol. Chem. 282(42):30728-30736(2007)
Roderick, S.L., et al. Nat. Struct. Biol. 9(7):507-511(2002)

Chan, W.W., et al. Biochim. Biophys. Acta 1596(1):1-5(2002)
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