10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PCTP Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16620c

Product Information

Application	WB, E
Primary Accession	Q9UKL6
Other Accession	NP_001095872.1, NP_067036.2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36090
Calculated MW	24843
Antigen Region	59-87

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 0.05% (V/V) Proclin 300. 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.

Protein Information

Name	PCTP (HGNC:8752)
Synonyms	STARD2

Function	Catalyzes the transfer of phosphatidylcholine between membranes. Binds a single lipid molecule.
Cellular Location	Cytoplasm, cytosol {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.

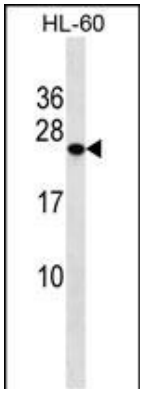
Background

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

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)
Cohen, D.E., et al. Biochim. Biophys. Acta 1447 (2-3), 265-270 (1999) :

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.