

Anti-PI-TP beta Antibody

Rabbit polyclonal antibody to PI-TP beta
Catalog # AP59822

Product Information

Application	WB
Primary Accession	P48739
Other Accession	P53811
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31540

Additional Information

Gene ID	23760
Other Names	Phosphatidylinositol transfer protein beta isoform; PI-TP-beta; PtdIns transfer protein beta; PtdInsTP beta
Target/Specificity	Recognizes endogenous levels of PI-TP beta protein.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

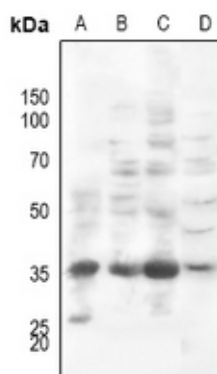
Protein Information

Name	PITPNB
Function	Catalyzes the transfer of phosphatidylinositol and phosphatidylcholine between membranes (PubMed: 10531358 , PubMed: 18636990 , PubMed: 20332109). Also catalyzes the transfer of sphingomyelin (By similarity). Required for COPI-mediated retrograde transport from the Golgi to the endoplasmic reticulum; phosphatidylinositol and phosphatidylcholine transfer activity is essential for this function (PubMed: 20332109).
Cellular Location	Golgi apparatus {ECO:0000250 UniProtKB:P53811}. Golgi apparatus membrane {ECO:0000250 UniProtKB:P53812}. Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:P53812}
Tissue Location	Widely expressed in various tissues including brain

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PI-TP beta. The exact sequence is proprietary.

Images



Western blot analysis of PI-TP beta expression in HEK293T (A), Hela (B), HepG2 (C), rat heart (D) whole cell lysates.

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