

Anti-PI-TP beta Antibody
Rabbit polyclonal antibody to PI-TP beta
Catalog # AP59822**Specification**

Anti-PI-TP beta Antibody - Product Information

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

Anti-PI-TP beta Antibody - Additional Information**Gene ID** 23760**Other Names**

Phosphatidylinositol transfer protein beta isoform; PI-TP-beta; PtdIns transfer protein beta; PtdInsTP beta

Target/Specificity

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

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

Anti-PI-TP beta Antibody - 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

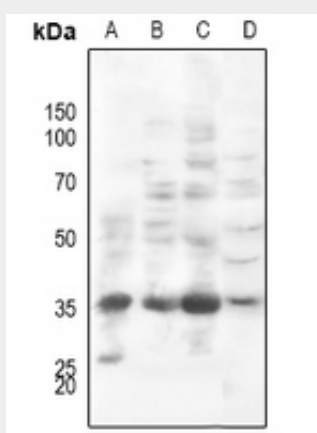
Widely expressed in various tissues including brain

Anti-PI-TP beta Antibody - 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](#)

Anti-PI-TP beta Antibody - Images



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

Anti-PI-TP beta Antibody - Background

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