

PITP β Polyclonal Antibody

Catalog # AP71921

Product Information

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|-------------------|------------------------|
| Application | WB, E, IHC-P |
| Primary Accession | P48739 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 31540 |

Additional Information

| | |
|--------------------|---|
| Gene ID | 23760 |
| Other Names | PITPNB; Phosphatidylinositol transfer protein beta isoform; PI-TP-beta; PtdIns transfer protein beta; PtdInsTP beta |
| Dilution | WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. E~~N/A IHC-P~~N/A |
| Format | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| Storage Conditions | -20°C |

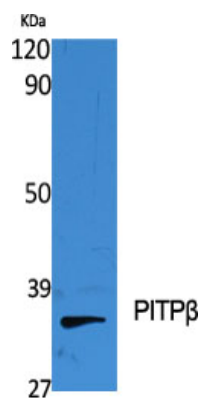
Protein Information

| | |
|-------------------|---|
| 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

Catalyzes the transfer of PtdIns and phosphatidylcholine between membranes.

Images



Western Blot analysis of various cells using PITPβ
Polyclonal Antibody diluted at 1 : 2000



Western Blot analysis of HepG2 cells using PITPβ
Polyclonal Antibody diluted at 1 : 2000

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