

**PITP $\beta$  Polyclonal Antibody**  
**Catalog # AP71921****Specification**

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**PITP $\beta$  Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P48739</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |

**PITP $\beta$  Polyclonal Antibody - 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.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**PITP $\beta$  Polyclonal Antibody - Protein Information****Name** PITPNB**Function**

Catalyzes the transfer of phosphatidylinositol and phosphatidylcholine between membranes (PubMed:<a href="http://www.uniprot.org/citations/10531358" target="\_blank">10531358</a>, PubMed:<a href="http://www.uniprot.org/citations/18636990" target="\_blank">18636990</a>, PubMed:<a href="http://www.uniprot.org/citations/20332109" target="\_blank">20332109</a>). 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:<a href="http://www.uniprot.org/citations/20332109" target="\_blank">20332109</a>).

**Cellular Location**

Golgi apparatus {ECO:0000250|UniProtKB:P53811}. Golgi apparatus membrane {ECO:0000250|UniProtKB:P53812}. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:P53812}

**Tissue Location**

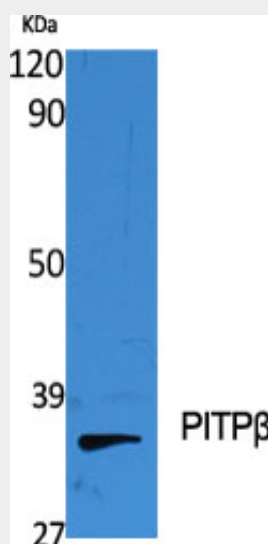
Widely expressed in various tissues including brain

### PITPβ Polyclonal Antibody - Protocols

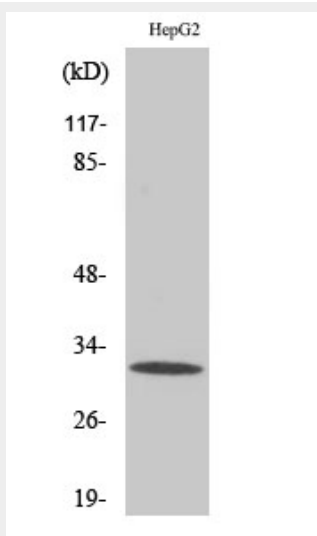
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

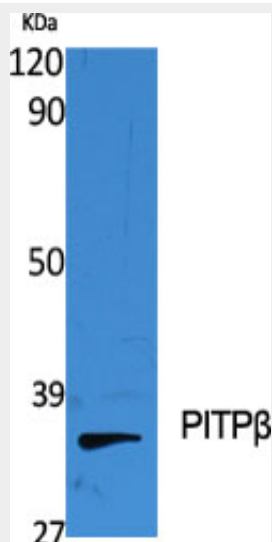
### PITPβ Polyclonal Antibody - Images



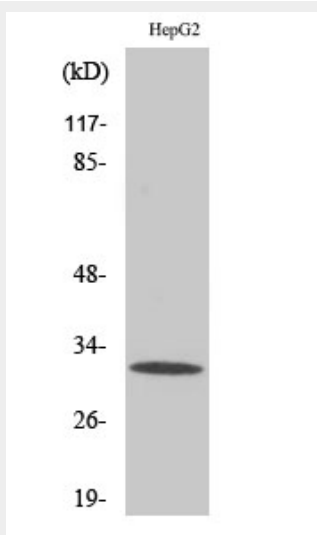
Western Blot analysis of various cells using PITPβ Polyclonal Antibody diluted at 1:2000



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



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

### **PITPβ Polyclonal Antibody - Background**

Catalyzes the transfer of PtdIns and phosphatidylcholine between membranes.