

**PITP $\beta$  rabbit pAb****Cat#: orb766088 (Manual)**

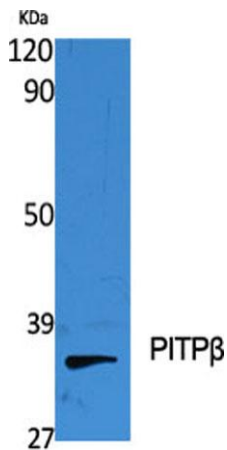
For research use only. Not intended for diagnostic use.

<b>Product Name</b>	PITP $\beta$ rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA;IHC
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PITPNB. AA range:20-69
<b>Specificity</b>	PITP $\beta$ Polyclonal Antibody detects endogenous levels of PITP $\beta$ protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Phosphatidylinositol transfer protein beta isoform
<b>Gene Name</b>	PITPNB
<b>Cellular localization</b>	Golgi apparatus . Golgi apparatus membrane . Endoplasmic reticulum membrane .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	32kD
<b>Human Gene ID</b>	23760
<b>Human Swiss-Prot Number</b>	P48739
<b>Alternative Names</b>	PITPNB; Phosphatidylinositol transfer protein beta isoform; PI-TP-beta; PtdIns transfer protein beta; PtdInsTP beta

## Background

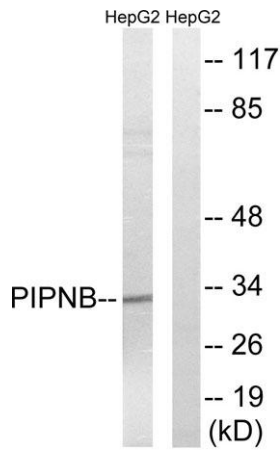
This gene encodes a cytoplasmic protein that catalyzes the transfer of phosphatidylinositol and phosphatidylcholine between membranes. This transfer activity is required for COPI complex-mediated retrograde transport from the Golgi apparatus to the endoplasmic reticulum. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Sep 2013],



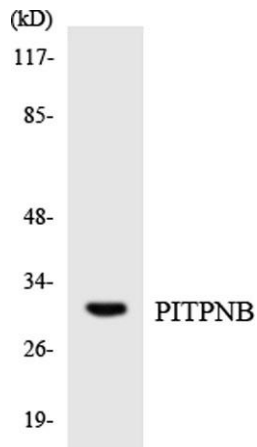
Western Blot analysis of various cells using PITP $\beta$  Polyclonal Antibody diluted at 1:2000



Western Blot analysis of HepG2 cells using PITP $\beta$  Polyclonal Antibody diluted at 1:2000



Western blot analysis of lysates from HepG2 cells, using PITPNB Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using PITPNB antibody.