

Rabbit PITPNB Polyclonal Antibody | anti-PITPNB antibody

PITPNB Antibody

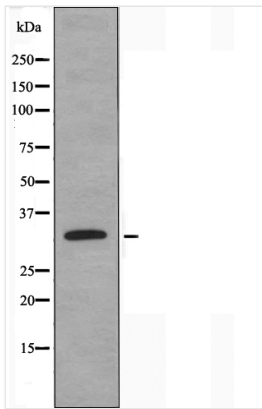
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324949	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

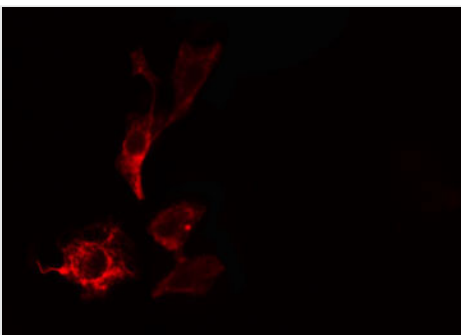
PITPNB; Polyclonal Antibody; PITPNB Antibody; OTTHUMP00000198846; OTTHUMP00000198847; Phosphatidylinositol transfer protein beta isoform; Phosphatidylinositol transfer protein; beta; PI TP beta; PI-TP-beta; PIPNB_HUMAN; Pitpnb; PtdIns transfer protein beta; PtdInsTP; PtdInsTP beta; VIB1B; anti-PITPNB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PITPNB antibody detects endogenous levels of total PITPNB
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	272
Applicable Applications for anti-PITPNB antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Golgi Apparatus.
Tissue Specificity	Widely expressed in various tissues including brain.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (91%), Bovine (91%), Horse (91%), Sheep (91%), Rabbit (91%), Dog (91%), Chicken (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using PITPNB antibody.



IF (Immunofluorescence)
AAA324949 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PITPNB antibody	Function: Catalyzes the transfer of PtdIns and phosphatidylcholine between membranes. Post-translational Modifications: Constitutive phosphorylation of Ser-262 has no effect on phospholipid transfer activity but is required for Golgi targeting. Similarity: Belongs to the PtdIns transfer protein family. PI transfer class I subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	546232151
NCBI GeneID	23760
NCBI Accession #	NP_001271206.1
NCBI GenBank Nucleotide #	NM_001284277.1
UniProt Accession #	P48739; Q8N5W1; B3KYB8; B7Z7Q0
Molecular Weight	Observed: 32 kD Predicted: 32 kDa
NCBI Official Full Name	phosphatidylinositol transfer protein beta isoform isoform 2
NCBI Official Synonym Full Names	phosphatidylinositol transfer protein beta
NCBI Official Symbol	PITPNB
NCBI Official Synonym Symbols	VIB1B; PtdInsTP; PI-TP-beta
NCBI Protein Information	phosphatidylinositol transfer protein beta isoform
UniProt Protein Name	Phosphatidylinositol transfer protein beta isoform
UniProt Gene Name	PITPNB
UniProt Synonym Gene Names	PI-TP-beta; PtdIns transfer protein beta; PtdInsTP beta

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.