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PITPNB Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP12982b

Specification

PITPNB Antibody (C-term) Blocking peptide - Product Information

Primary Accession P48739

PITPNB Antibody (C-term) Blocking peptide - Additional Information

Gene ID 23760

Other Names
Phosphatidylinositol transfer protein beta isoform, PI-TP-beta, PtdIns transfer protein beta, PtdInsTP beta, PITPNB

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PITPNB Antibody (C-term) Blocking peptide - 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

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PITPNB Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

PITPNB Antibody (C-term) Blocking peptide - Images

PITPNB Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is found in thecytoplasm, where it catalyzes the transfer of phosphatidylinositoland phosphatidylcholine between membranes.

PITPNB Antibody (C-term) Blocking peptide - References

Carvou, N., et al. J. Cell. Sci. 123 (PT 8), 1262-1273 (2010) :Morgan, C.P., et al. Biochem. J. 398(3):411-421(2006)Colland, F., et al. Genome Res. 14(7):1324-1332(2004)Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) :Segui, B., et al. Biochem. J. 366 (PT 1), 23-34 (2002) :