

PITPNB Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12982b**Specification**

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

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 the cytoplasm, where it catalyzes the transfer of phosphatidylinositol and 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) :