PITPNA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PITPNA, Polyclonal Antibody
Full Product Name	PITPNA Antibody, HRP Conjugated
Product Gene Name	anti-PITPNA antibody
Product Synonym Names	Phosphatidylinositol Transfer protein alpha isoform (PI-TP-alpha) (PtdIns Transfer protein alpha) (PtdInsTP alpha); PITPNA; PITPN
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Purity/Purification	Antigen Affinity Purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: PITPNA (MBS7134683) HRP Conjugated Antibody: PITPNA (MBS7134684)
Molecular Weight	31,806 Da
OMIM	600174
3D Structure	ModBase 3D Structure for Q00169
Immunogen	Recombinant Human Phosphatidylinositol transfer protein alpha isoform protein (1-270AA)
Immunogen Species	Human
Conjugate	HRP
Product Categories/Family for anti-PITPNA antibody	Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PITPNA antibody	ELISA (EIA)
Related Product Information for anti-PITPNA antibody	MBS7134684 is an antibody targeting PITPNA. Also known as PITPNA Antibody, HRP Conjugated. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-PITPNA antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PITPNA. It may not necessarily be applicable to this product.

NCBI GI #	5453908

NCBI GeneID	5306
NCBI Accession #	NP_006215.1
UniProt Primary Accession #	Q00169
UniProt Related Accession #	Q00169
GenBank Nucleotide #	NM_006224.3
NCBI Official Full Name	phosphatidylinositol transfer protein alpha isoform
NCBI Official Synonym Full Names	phosphatidylinositol transfer protein, alpha
NCBI Official Symbol	PITPNA
NCBI Official Synonym Symbols	PITPN; VIB1A; HEL-S-36; PI-TPalpha
UniProt Protein Name	Phosphatidylinositol transfer protein alpha isoform
Protein Family	Phosphatidylinositol transfer protein
UniProt Gene Name	PITPNA
UniProt Synonym Gene Names	PITPN; PI-TP-alpha; PtdIns transfer protein alpha; PtdInsTP alpha
UniProt Entry Name	PIPNA_HUMAN
NCBI Protein Information	phosphatidylinositol transfer protein alpha isoform; PI-TP-alpha; epididymis secretory protein Li 36; ptdIns transfer protein alpha; ptdInsTP alpha
NCBI Summary for PITPNA	This gene encodes a member of a family of lipid-binding proteins that transfer molecules of phosphatidylinositol or phosphatidylcholine between membrane surfaces. The protein is implicated in phospholipase C signaling and in the production of phosphatidylinositol 3,4,5-trisphosphate (PIP3) by phosphoinositide-3-kinase.[provided by RefSeq, Sep 2009]
UniProt Comments for PITPNA	PITPNA: Catalyzes the transfer of PtdIns and phosphatidylcholine between membranes. Belongs to the PtdIns transfer protein family. PI transfer class I subfamily. Protein type: Lipid-binding Chromosomal Location of Human Ortholog: 17p13.3 Cellular Component: cytoplasm Molecular Function: phosphatidylinositol transporter activity; phosphatidylcholine transmembrane transporter activity; lipid binding Biological Process: axon guidance; visual perception; phospholipid transport; lipid metabolic process
Research Articles on PITPNA	**1.** This protein has been found differentially expressed in thalami from patients with schizophrenia.
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