Mouse PITPNA Monoclonal Antibody | anti-PITPNA antibody

PITPNA (Phosphatidylinositol Transfer Protein alpha Isoform, PI-TP-alpha, PtdIns Transfer Protein alpha, PtdInsTP alpha, PITPN, MGC99649) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25206	**Mouse**	**Human, Mouse, Rat**	**ELISA, Western Blot**

PRODUCT SYNONYMS

PITPNA; Monoclonal Antibody; PITPNA (Phosphatidylinositol Transfer Protein alpha Isoform; PI-TP-alpha; PtdIns Transfer Protein alpha; PtdInsTP alpha; PITPN; MGC99649) (FITC); anti-PITPNA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4G10
Specificity	Recognizes human PITPNA. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-PITPNA antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa171-271 from human PITPNA (NP_006215) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	GPLGPNWKQELVNQKDCPYMCAYKLVTVKFKWWGLQNKVENFIHKQERRLFTNFHRQLFCWLDKWVDLTMDDIRRMEEETKRQLDEMRQKDPVKGM
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor 20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can b made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and p removing the cap.

IMAGES

Application Data
Detection limit for recombinant GST tagged PITPNA is 0.1ng/ml as a capture antibody.

WB (Western Blot)
PITPNA monoclonal antibody Western Blot analysis of PITPNA expression in NIH/3T3

WB (Western Blot)
PITPNA monoclonal antibody. Western Blot analysis of PITPNA expression in Raw 264.7

WB (Western Blot)
PITPNA monoclonal antibody. Western Blot analysis of PITPNA expression in HepG2

WB (Western Blot)
PITPNA monoclonal antibody. Western Blot analysis of PITPNA expression in PC-12.

WB (Western Blot)
Western Blot detection against Immunogen (36.74kD).

ADDITIONAL INFORMATION

Related Product Information for anti-PITPNA antibody	Catalyzes the transfer of PtdIns and phosphatidylcholine between membranes.
Product Categories/Family for anti-PITPNA antibody	Antibodies; Transport Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453908
NCBI GeneID	5306
NCBI Accession #	NP_006215
NCBI GenBank Nucleotide #	NM_006224
UniProt Accession #	Q00169
Molecular Weight	33.9 kDa (290aa), confirmed by MALDI-TOF
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
NCBI Protein Information	phosphatidylinositol transfer protein alpha isoform
UniProt Protein Name	Phosphatidylinositol transfer protein alpha isoform
UniProt Gene Name	**PITPNA**
UniProt Synonym Gene Names	PITPN; PI-TP-alpha; PtdIns transfer protein alpha; PtdInsTP alpha
UniProt Entry Name	PIPNA_HUMAN

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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/pitpna-antibody-clone-4g10-western-blot-elisa/25206