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PITPNA Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20431b

Specification

PITPNA Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q00169
Other Accession	P16446, P48738, P53810, Q2HJ54
Reactivity	**Human, Mouse, Rat**
Predicted	**Bovine, Rabbit**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**31806**
Antigen Region	**243-270**

PITPNA Antibody (C-term) - Additional Information

Gene ID 5306

Other Names
Phosphatidylinositol transfer protein alpha isoform, PI-TP-alpha, PtdIns transfer protein alpha, PtdInsTP alpha, PITPNA, PITPN

Target/Specificity
This PITPNA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 243-270 amino acids from the C-terminal region of human PITPNA.

Dilution
WB~~1:2000
IHC-P~~1:25

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PITPNA Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PITPNA Antibody (C-term) - Protein Information

Name PITPNA

Synonyms PITPN

Function Catalyzes the transfer of phosphatidylinositol (PI) and phosphatidylcholine (PC) between membranes (PubMed:10531358, PubMed:22822086, PubMed:15522822, PubMed:18636990, PubMed:14962392). Shows a preference for PI and PC containing shorter saturated or monosaturated acyl chains at the sn-1 and sn-2 positions (PubMed:15522822, PubMed:22822086). Preference order for PC is C16:1 > C16:0 > C18:1 > C18:0 > C20:4 and for PI is C16:1 > C16:0 > C18:1 > C18:0 > C20:4 > C20:3 (PubMed:22822086).

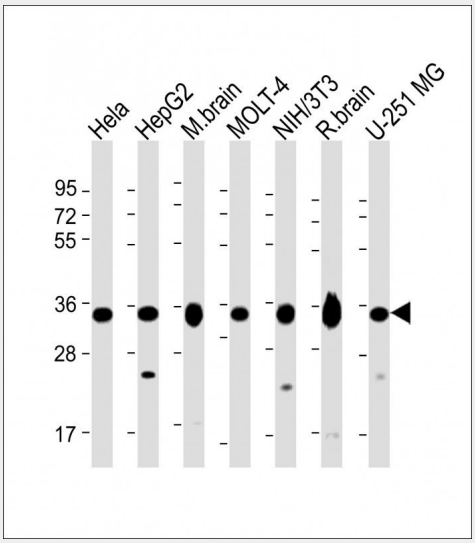
Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:P53810}. Nucleus {ECO:0000250|UniProtKB:P53810}

PITPNA Antibody (C-term) - Protocols

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

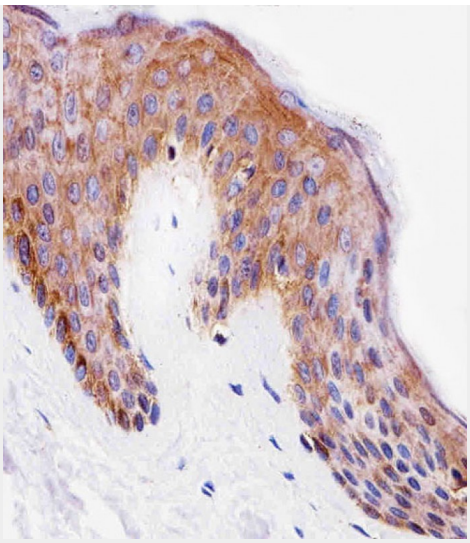
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PITPNA Antibody (C-term) - Images



All lanes : Anti-PITPNA Antibody (C-term) at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: HepG2 whole cell lysate Lane 3: mouse brain lysate Lane 4: MOLT-4 whole cell lysate Lane 5: NIH/3T3 whole cell lysate Lane 6: rat brain lysate Lane 7: U-251 MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 32 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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Immunohistochemical analysis of paraffin-embedded H. skin section using PITPNA Antibody (C-term)(Cat#AP20431b). AP20431b was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

PITPNA Antibody (C-term) - Background

Catalyzes the transfer of PtdIns and phosphatidylcholine between membranes.

PITPNA Antibody (C-term) - References

Dickeson S.K., et al. Gene 142:301-305(1994).
Tanaka S., et al. Submitted (NOV-1995) to the EMBL/GenBank/DDBJ databases.
Lubec G., et al. Submitted (MAR-2007) to UniProtKB.
Rikova K., et al. Cell 131:1190-1203(2007).
Choudhary C., et al. Science 325:834-840(2009).