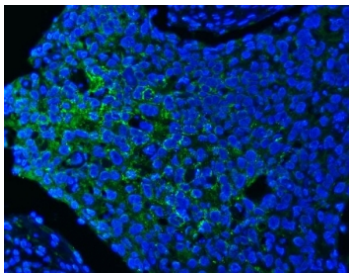
PITPNB Antibody / PI-TP-beta (RQ7934)

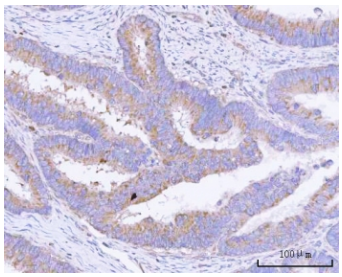
Catalog No.	Formulation	Size
RQ7934	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

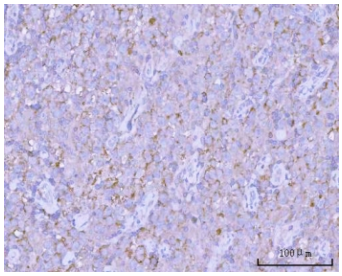
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P48739
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This PITPNB antibody is available for research use only.



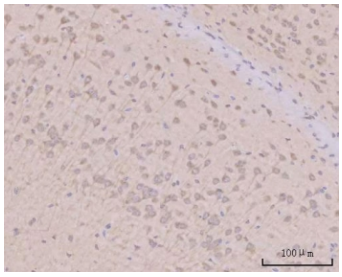
Immunofluorescent staining of FFPE human esophageal squamous cell carcinoma tissue with PITPNB antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



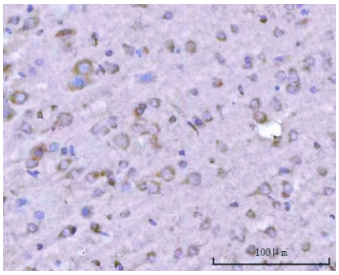
IHC staining of FFPE human colon adenocarcinoma tissue with PITPNB antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



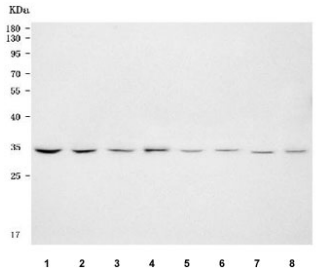
IHC staining of FFPE human testicular seminoma tissue with PITPNB antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



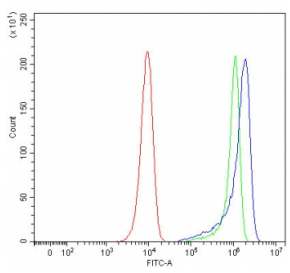
IHC staining of FFPE mouse brain tissue with PITPNB antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



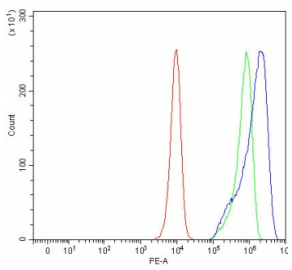
IHC staining of FFPE rat brain tissue with PITPNB antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human Jurkat, 2) human HeLa, 3) human K562, 4) human Raji, 5) rat brain, 6) rat lung, 7) mouse brain and 8) mouse lung tissue lysate with PITPNB antibody. Predicted molecular weight ~32 kDa.



Flow cytometry testing of human HeLa cells with PITPNB antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PITPNB antibody.



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Description

Phosphatidylinositol transfer protein beta isoform is a protein that in humans is encoded by the PITPNB gene. This gene encodes a cytoplasmic protein that catalyzes the transfer of phosphatidylinositol and phosphatidylcholine between membranes. This transfer activity is required for COPI complex-mediated retrograde transport from the Golgi apparatus to the endoplasmic reticulum. Alternative splicing of this gene results in multiple transcript variants.

Application Notes

Optimal dilution of the PITPNB antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids Q148-R170) was used as the immunogen for the PITPNB antibody.

Storage

After reconstitution, the PITPNB antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com