

For Research Use Only

RAB3IP Polyclonal antibody, PBS Only

Catalog Number:12321-1-PBS

Featured Product



Basic Information

Catalog Number:

12321-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2974

GenBank Accession Number:

BC015548

GeneID (NCBI):

117177

UNIPROT ID:

Q96QF0

Full Name:

RAB3A interacting protein (rabin3)

Calculated MW:

476 aa, 53 kDa

Observed MW:

53/51/43 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

RAB3IP, also known as Rabin8, is a deduced 476-amino acid protein containing a central coiled-coil domain, a bipartite nuclear localization signal, and a C-terminal endoplasmic reticulum retention motif. Rabin8 has several sites for N-glycosylation and phosphorylation. Rabin8 plays important roles in various cellular processes, including ciliogenesis. The GEF activity of Rabin8 towards Rab8 is essential for ciliogenesis and cyst apical membrane transport, but not for exocytosis of discoidal/fusiform-shaped vesicles. This antibody can recognize isoforms with predicted MW's of 53 kDa, 51 kDa, 43 kDa, 45 kDa, 33 kDa and 35 kDa, 29 kDa respectively.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

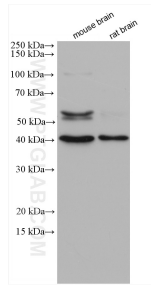
T: 4006900926

E: Proteintech-CN@ptglab.com

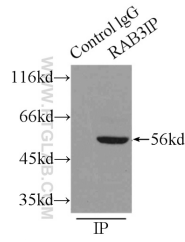
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

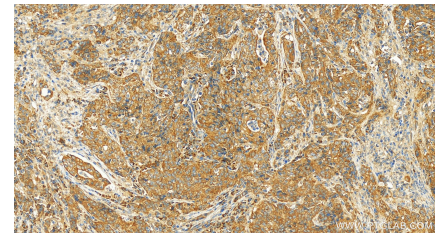
Selected Validation Data



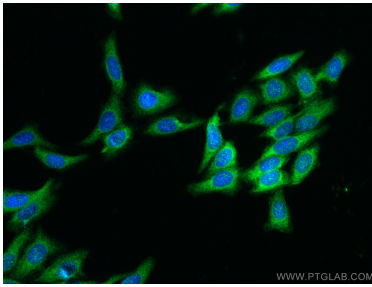
Various lysates were subjected to SDS PAGE followed by western blot with 12321-1-AP (RAB3IP antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12321-1-PBS in a different storage buffer formulation.



IP result of anti-RAB3IP (IP:12321-1-AP, 3ug; Detection:12321-1-AP 1:1000) with mouse lung tissue lysate 4500ug. This data was developed using the same antibody clone with 12321-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 12321-1-AP (RAB3IP antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 12321-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using RAB3IP/Rabin8 antibody (12321-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 12321-1-PBS in a different storage buffer formulation.