

For Research Use Only

RAB27A Polyclonal antibody, PBS Only

Catalog Number: 17817-1-PBS

Featured Product



Basic Information

Catalog Number:

17817-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12136

GenBank Accession Number:

BC107680

GeneID (NCBI):

5873

UNIPROT ID:

P51159

Full Name:

RAB27A, member RAS oncogene family

Calculated MW:

221 aa, 25 kDa

Observed MW:

25-27 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human

Background Information

Rab27A is a member of a large family of Ras-related small GTPases. The protein is membrane-bound and may be involved in protein transport and small GTPase mediated signal transduction. Recent studies suggest that Rab27A is associated with melanosomes in pigmented cells and regulates melanosome transport via its interaction with actin-based cellular motors such as myosin Va and myosin VIIa. RAB27A is also required for regulated secretion in cytotoxic T lymphocytes. Rab27A is implicated in several diseases, including Griscelli syndrome, choroideremia, and the Hermansky-Pudlak syndrome mouse model, gunmetal.

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:

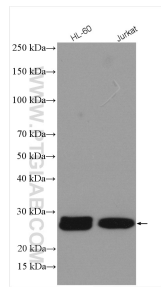
T: 4006900926

E: Proteintech-CN@ptglab.com

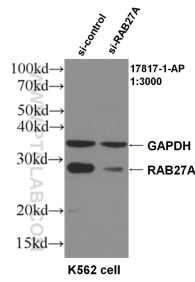
W: ptgcn.com

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

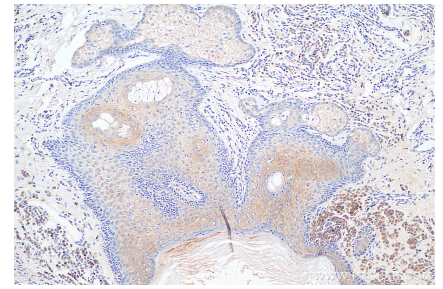
Selected Validation Data



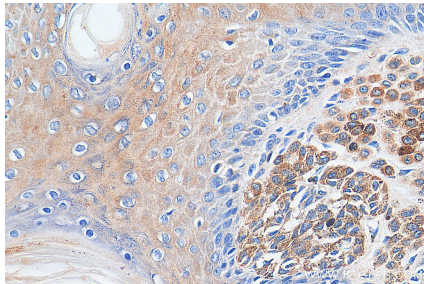
Various lysates were subjected to SDS PAGE followed by western blot with 17817-1-AP (RAB27A antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17817-1-PBS in a different storage buffer formulation.



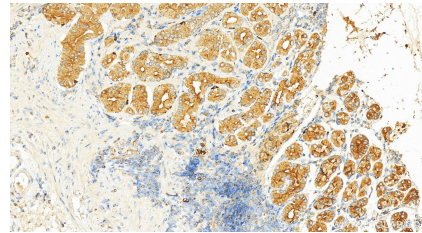
WB result of RAB27A antibody (17817-1-AP, 1:3000) with si-Control and si-RAB7B transfected K562 cells. This data was developed using the same antibody clone with 17817-1-PBS in a different storage buffer formulation.



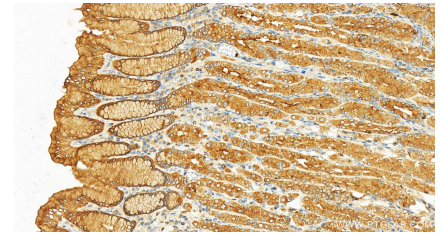
Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 17817-1-AP (RAB27A antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 17817-1-PBS in a different storage buffer formulation.



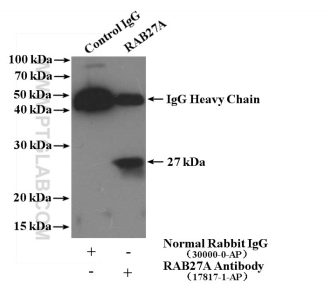
Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 17817-1-AP (RAB27A antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 17817-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 17817-1-AP (RAB27A antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17817-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 17817-1-AP (RAB27A antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17817-1-PBS in a different storage buffer formulation.



IP result of anti-RAB27A (IP:17817-1-AP, 4ug; Detection:17817-1-AP 1:1000) with K-562 cells lysate 2760 ug. This data was developed using the same antibody clone with 17817-1-PBS in a different storage buffer formulation.