

For Research Use Only

RAB5A-Specific Polyclonal antibody

Catalog Number: 20228-1-AP

1 Publications



Basic Information

Catalog Number:

20228-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 220 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_004162

GeneID (NCBI):

5868

UNIPROT ID:

P20339

Full Name:

RAB5A, member RAS oncogene family

Calculated MW:

24 kDa

Observed MW:

24 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse

Cited Species:

mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : human brain tissue, mouse colon tissue, SH-SY5Y cells

IP : mouse brain tissue,

IHC : human brain tissue, human placenta tissue

Background Information

RAB5A belongs to the small GTPase superfamily and Rab family. It is required for the fusion of plasma membranes and early endosomes. The antibody is specific to RAB5A. It has no cross reaction to RAB5B or RAB5C.

Notable Publications

Author	Pubmed ID	Journal	Application
Yong-Hee Patricia Chun	38274050	Front Physiol	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

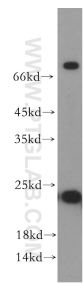
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

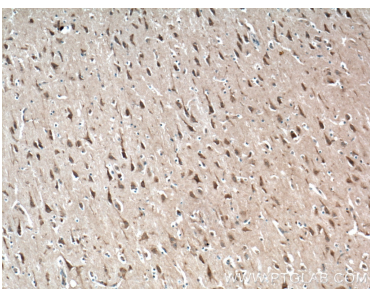
E: proteintech@ptglab.com
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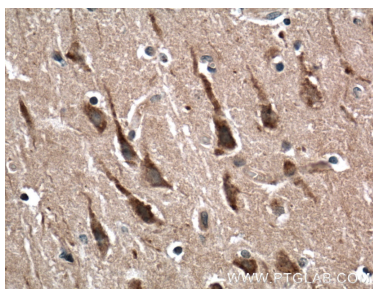
Selected Validation Data



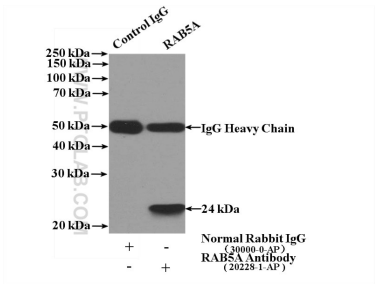
human brain tissue were subjected to SDS PAGE followed by western blot with 20228-1-AP (RAB5A-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 20228-1-AP (RAB5A-Specific Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 20228-1-AP (RAB5A-Specific Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-RAB5A-Specific (IP:20228-1-AP, 4ug; Detection:20228-1-AP 1:600) with mouse brain tissue lysate 4000ug.