

For Research Use Only

AP3B2 Polyclonal antibody

Catalog Number: 18331-1-AP

1 Publications



Basic Information

Catalog Number:

18331-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 273 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12861

GenBank Accession Number:

BC093739

GeneID (NCBI):

8120

UNIPROT ID:

Q13367

Full Name:

adaptor-related protein complex 3, beta 2 subunit

Calculated MW:

1082 aa, 119 kDa

Observed MW:

120-140 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : rat brain tissue, mouse brain tissue

IP : mouse brain tissue,

Background Information

Adaptor protein (AP) complexes are cytosolic heterotetramers that mediate the sorting of membrane proteins in the secretory and endocytic pathways. AP3B2 is a subunit of the AP-3 complex which is composed of two large adaptins (AP3D1 and AP3B1 or AP3B2), a medium adaptin (AP3M1 or AP3M2) and a small adaptin (AP3S1 or AP3S2). AP-3 complex is associated with the Golgi region as well as more peripheral structures. It facilitates the budding of vesicles from the Golgi membrane and may be directly involved in trafficking to lysosomes.

Notable Publications

Author	Pubmed ID	Journal	Application
Joseph A Honorat	31371564	Neurology	WB,IF

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

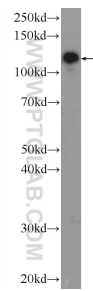
For technical support and original validation data for this product please contact:

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

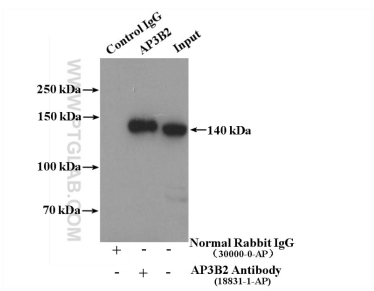
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



rat brain tissue were subjected to SDS PAGE followed by western blot with 18331-1-AP (AP3B2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-AP3B2 (IP:18331-1-AP, 4ug; Detection:18331-1-AP 1:500) with mouse brain tissue lysate 3600ug.