

# AP3B2 Polyclonal antibody

Catalog Number: 18331-1-AP

1 Publications

## Basic Information

## Catalog Number:

18331-1-AP

## Size:

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

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG12861

## GenBank Accession Number:

BC093739

## GeneID (NCBI):

8120

## 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 µg for IP and 1:500-1:1000 for WB

## Applications

## Tested Applications:

IP, WB, ELISA

## Cited Applications:

IF, WB

## 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
Josephe 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

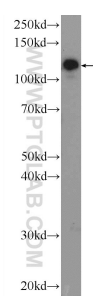
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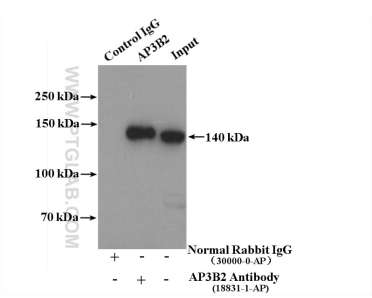
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Selected Validation Data



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.