

AP3M2 Polyclonal antibody

Catalog Number: 11925-1-AP

Featured Product

Basic Information

Catalog Number:

11925-1-AP

Size:

260 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2572

GenBank Accession Number:

BC056257

GeneID (NCBI):

10947

UNIPROT ID:

P53677

Full Name:

adaptor-related protein complex 3,
mu 2 subunit

Calculated MW:

418 aa, 47 kDa

Observed MW:

47 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Species Specificity:

human, mouse, rat

**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, Haca cells (siRNA)

IP : mouse brain tissue,

IHC : mouse brain tissue,

Background Information

AP3M2 is a 47-kDa protein that belongs to the adaptor complexes medium subunit family. Adaptor protein (AP) complexes are cytosolic heterotetramers that mediate the sorting of membrane proteins in the secretory and endocytic pathways. AP3M2 is a subunit of the AP-3 complex which is associated with the Golgi region as well as more peripheral structures. AP-3 is implicated in the transport of lysosomal membrane proteins.

Storage

Storage:

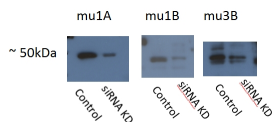
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

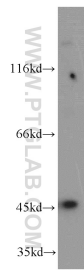
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

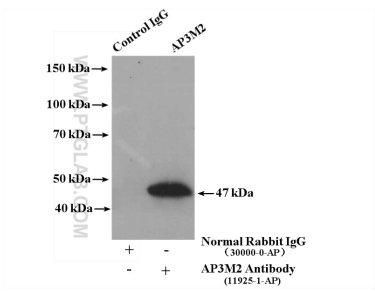
Selected Validation Data



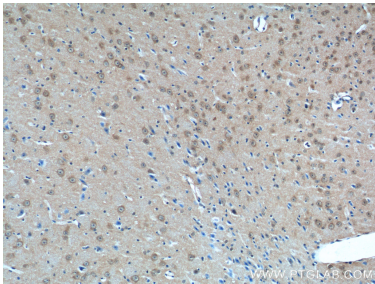
AP1M1 is mu1A: 12112-1-AP,
AP1M2 is mu1B: 10618-1-AP,
Ap3M2 is mu3B: 11925-1-AP,
acceptable bands ~50 kDa showing
some degree of siRNA
knockdown



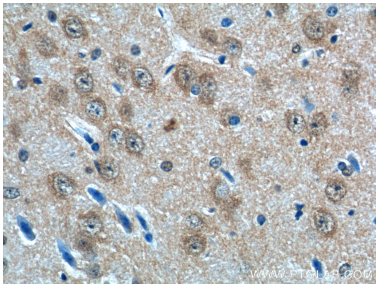
human brain tissue were subjected to SDS PAGE
followed by western blot with 11925-1-AP (AP3M2
antibody) at dilution of 1:500 incubated at room
temperature for 1.5 hours.



IP result of anti-AP3M2 (IP:11925-1-AP, 4ug;
Detection:11925-1-AP 1:300) with mouse brain
tissue lysate 3200 ug.



Immunohistochemical analysis of paraffin-
embedded mouse brain tissue slide using 11925-1-
AP (AP3M2 Antibody) at dilution of 1:50 (under 10x
lens).



Immunohistochemical analysis of paraffin-
embedded mouse brain tissue slide using 11925-1-
AP (AP3M2 Antibody) at dilution of 1:50 (under 40x
lens).