

For Research Use Only

AP3S2 Recombinant monoclonal antibody

Catalog Number: 86795-1-RR



Basic Information

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| Catalog Number: 86795-1-RR | GenBank Accession Number: BC002785 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 10239 | CloneNo.: 251741C11 |
| Source: Rabbit | UNIPROT ID: P59780 | Recommended Dilutions: WB: 1:5000-1:50000 |
| Isotype: IgG | Full Name: adaptor-related protein complex 3, sigma 2 subunit | |
| Immunogen Catalog Number: AG7565 | Calculated MW: 22 kDa | |
| | Observed MW: 22 kDa | |

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:
WB : SH-SY5Y cells, HepG2 cells, mouse testis tissue, mouse brain tissue, rat brain tissue

Background Information

AP3S2 is a 22-kDa protein that belongs to the adaptor complexes small subunit family. AP3S2 is a subunit of the AP-3 complex which is associated with the Golgi region as well as more peripheral structures. Adaptor protein (AP) complexes are cytosolic heterotetramers that mediate the sorting of membrane proteins in the secretory and endocytic pathways. AP-3 complex is composed of two large adaptins (AP3D1 and AP3B1 or AP3B2), a medium adaptin (AP3M1 or AP3M2) and a small adaptin (APS1 or AP3S2).

Storage

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

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

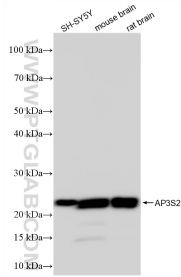
For technical support and original validation data for this product please contact:

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

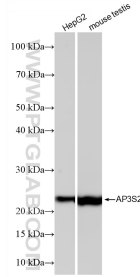
E: proteintech@ptglab.com
W: ptglab.com

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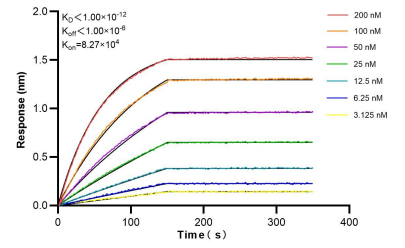
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86795-1-RR (AP3S2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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Biolayer interferometry (BLI) kinetic assays of 86795-1-RR against Human AP3S2 were performed. The affinity constant is below 1 pM.