

For Research Use Only

SYN2 Polyclonal antibody

Catalog Number: 16573-1-AP **4 Publications**



Basic Information

| | | |
|--|--|--|
| Catalog Number: 16573-1-AP | GenBank Accession Number: BC051307 | Purification Method: Antigen affinity purification |
| Size: 350 µg/ml | GeneID (NCBI): 6854 | Recommended Dilutions: WB 1:5000-1:50000 |
| Source: Rabbit | UNIPROT ID: Q92777 | |
| Isotype: IgG | Full Name: synapsin II | |
| Immunogen Catalog Number: AG9855 | Calculated MW: 582 aa, 63 kDa | |
| | Observed MW: 70 kDa, 55 kDa | |

Applications

| | |
|---|---|
| Tested Applications: WB, ELISA | Positive Controls: WB : mouse brain tissue, |
| Cited Applications: WB | |
| Species Specificity: human, mouse | |
| Cited Species: human, mouse | |

Background Information

Synapsins (synapsin I, II, III) are a family of synaptic vesicle phosphoproteins that have been implicated in modulation of neurotransmitter release and in synaptogenesis. Synapsin II (SYN2) is composed of two isoforms, synapsin IIa and IIb.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-----------|-----------|-------------------|-------------|
| Tingfu Du | 33775831 | Brain Behav Immun | WB |
| Zhili Ren | 37536627 | Eur J Pharmacol | WB |
| Min Wang | 38292191 | Genes Dis | WB |

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

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

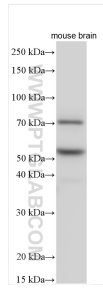
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse brain tissue was subjected to SDS PAGE followed by western blot with 16573-1-AP (SYN2 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.