

For Research Use Only

SYN2 Polyclonal antibody

Catalog Number: 16573-1-AP

4 Publications



Basic Information

Catalog Number:

16573-1-AP

Size:

150ul , Concentration: 240 ug/ml by Nanodrop and 153 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9855

GenBank Accession Number:

BC051307

GeneID (NCBI):

6854

UNIPROT ID:

Q92777

Full Name:

synapsin II

Calculated MW:

582 aa, 63 kDa

Observed MW:

70 kDa, 55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : mouse brain tissue,

Background Information

Synapsins (synapsin I, II, III) are a family of synaptic vesicle phosphoproteins that have been implicated in the modulation of neurotransmitter release and in synaptogenesis. Synapsin II (SYN2) is composed of two isoforms, synapsin IIa and IIb, with molecular weights of 55-58 kDa and 70-75 kDa, respectively.

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

*** 20ul sizes contain 0.1% BSA

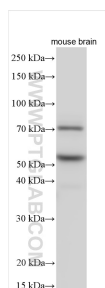
For technical support and original validation data for this product please contact:

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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.