SYN2 Polyclonal antibody

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

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Basic Information

Catalog Number:
16573-1-AP

Size:
350 ug/ml

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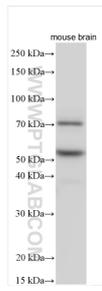
mouse brain tissue was subjected to SDS PAGE followed by western blot with 16573-1-AP (SYN2 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.