Synapsin 2 Rabbit mAb

Catalog No: #52870

Package Size: #52870-1 50ul #52870-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

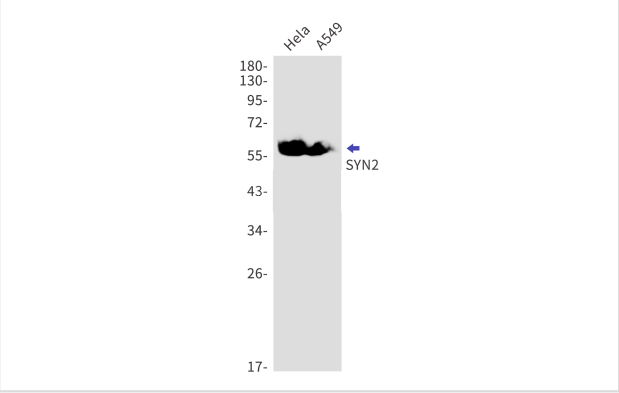
Description

Product Name	Synapsin 2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-0I5
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human SYN2
Conjugates	Unconjugated
Modification	Unmodification
Other Names	SYN 2; SYN II; SYN IIa; SYN IIb; SYN2; Synapsin2; SynapsinII; SYNII; SYNIIa; SYNIIb;
Accession No.	Swiss-Prot:Q92777GeneID:6854
Uniprot	Q92777
GeneID	6854
Calculated MW	Calculated MW:63 kDa,Observed MW:63 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

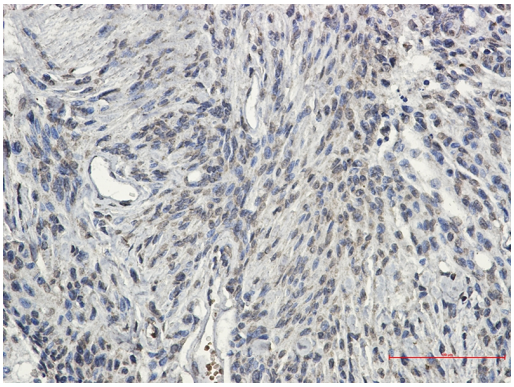
Application Details

WB: 1/1000 IHC: 1/50

Images



Western blot detection of SYN2 in Hela,A549 cell lysates using SYN2 Rabbit mAb(1:1000 diluted).Predicted band size:63kDa.Observed band size:63kDa.



Immunohistochemistry of SYN2 in paraffin-embedded Human Brain using SYN2 Rabbit mAb at dilution 1/50

Background

This gene is a member of the synapsin gene family. Synapsins encode neuronal phosphoproteins which associate with the cytoplasmic surface of synaptic vesicles. Family members are characterized by common protein domains, and they are implicated in synaptogenesis and the modulation of neurotransmitter release, suggesting a potential role in several neuropsychiatric diseases. This member of the synapsin family encodes a neuron-specific phosphoprotein that selectively binds to small synaptic vesicles in the presynaptic nerve terminal. Polymorphisms in this gene are associated with abnormal presynaptic function and related neuronal disorders, including autism, epilepsy, bipolar disorder and schizophrenia. Alternative splicing of this gene results in multiple transcript variants. The tissue inhibitor of metalloproteinase 4 gene is located within an intron of this gene and is transcribed in the opposite direction. [provided by RefSeq, Feb 2014]

Note: This product is for in vitro research use only