

SYN2 Antibody

Catalog No: #37653

Orders: order@signalwayantibody.com

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Description

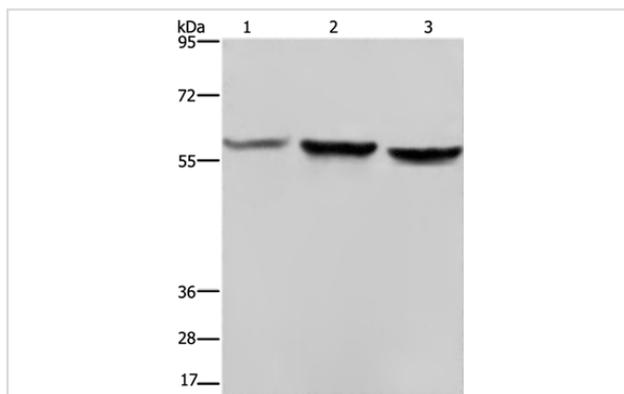
Product Name	SYN2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SYN2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human synapsin II
Target Name	SYN2
Other Names	SYNII; SYNIIa; SYNIIb
Accession No.	Swiss-Prot#: Q92777NCBI Gene ID: 6854Gene Accssion: NP_598328
Uniprot	Q92777
GeneID	6854;
SDS-PAGE MW	63kd
Concentration	2.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

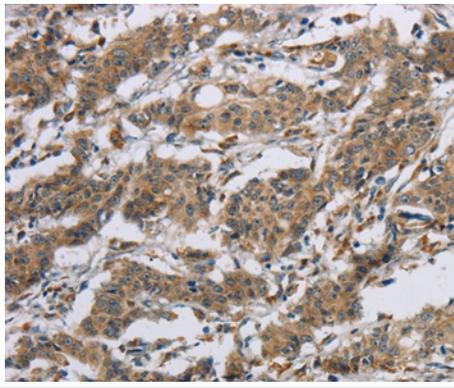
Western blotting: 1:1000-1:5000

Immunohistochemistry: 1:50-1:200

Images



Gel: 6%SDS-PAGE
 Lysates (from left to right): HeLa, A375 and LoVo cell
 Amount of lysate: 40ug per lane
 Primary antibody: 1/1400 dilution
 Secondary antibody dilution: 1/8000
 Exposure time: 40 seconds



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #37653 at dilution 1/40.

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. The TIMP4 gene is located within an intron of this gene and is transcribed in the opposite direction. Mutations in this gene may be associated with abnormal presynaptic function and schizophrenia. Alternative splicing of this gene results in two transcripts.

Note: This product is for in vitro research use only