

Rabbit SYN2 Polyclonal Antibody | anti-SYN2 antibody

SYN2 Polyclonal Antibody

CATALOG # AAA170253	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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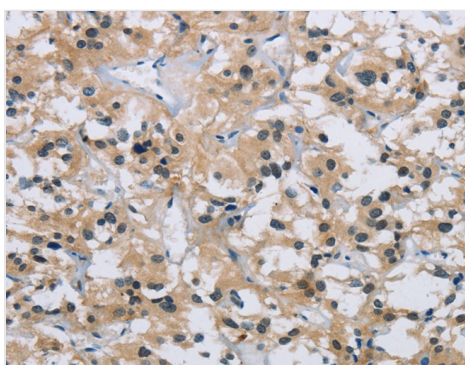
PRODUCT SYNONYMS

SYN2; Polyclonal Antibody; SYN2 Polyclonal Antibody; SYNII; SYNIIa; SYNIIb; anti-SYN2 antibody

PRODUCT SPECIFICATIONS

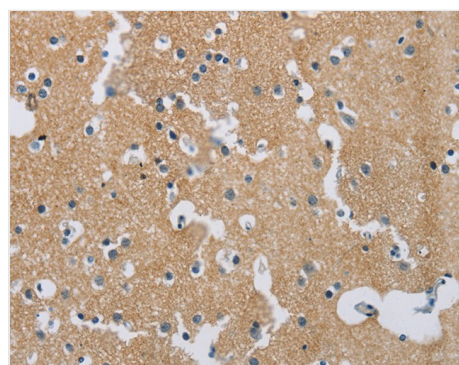
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.4mg/mL (varies by lot)
Sequence Length	582
Applicable Applications for anti-SYN2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human SYN2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



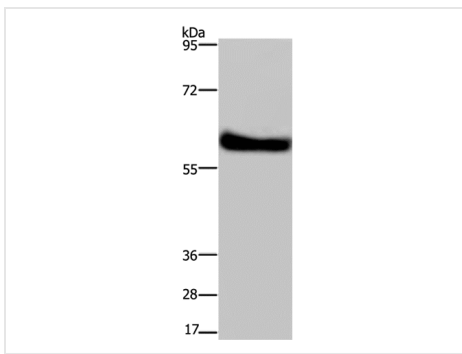
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using SYN2 Polyclonal Antibody at dilution of 1:40



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human brain using SYN2 Polyclonal Antibody at dilution of 1:40



WB (Western Blot)

Western Blot analysis of Mouse brain tissue using SYN2 Polyclonal Antibody at dilution of 1:250

ADDITIONAL INFORMATION

Related Product Information for anti-SYN2 antibody	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.
Product Categories/Family for anti-SYN2 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	19924103
NCBI GeneID	6854
NCBI Accession #	NP_598328.1
NCBI GenBank Nucleotide #	NM_133625.4
Molecular Weight	52,162 Da
NCBI Official Full Name	synapsin-2 isoform IIa
NCBI Official Synonym Full Names	synapsin II
NCBI Official Symbol	SYN2
NCBI Official Synonym Symbols	SYNII
NCBI Protein Information	synapsin-2
UniProt Protein Name	Synapsin-2
UniProt Gene Name	SYN2
UniProt Entry Name	SYN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/syn2-antibody-immunohistochemistry-western-blot-elisa/170253>