

Rabbit SYN1 Polyclonal Antibody | anti-SYN1 antibody

SYN1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288206	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	ELISA, Western Blot

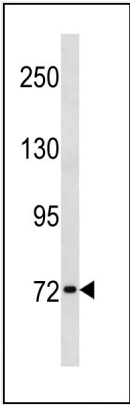
PRODUCT SYNONYMS

SYN1; Polyclonal Antibody; SYN1 Antibody (C-term); Synapsin-1; Brain protein 41; Synapsin I; anti-SYN1 antibody

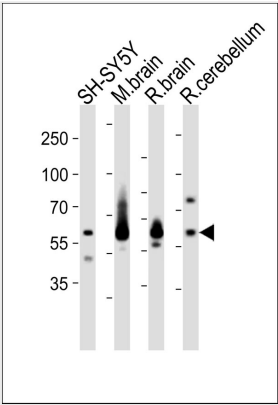
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SYN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 668-697 amino acids from the C-terminal region of human SYN1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	668-697
Sequence Length	705
Applicable Applications for anti-SYN1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
SYN1 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the SYN1 antibody detected the SYN1 protein (arrow).



WB (Western Blot)
Western blot analysis of lysates from SH-SY5Y cell line, mouse brain, rat brain, rat cerebellum tissue (from left to right), using SYN1 Antibody (C-term). AAA288206 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-SYN1 antibody	Neuronal phosphoprotein that coats synaptic vesicles, binds to the cytoskeleton, and is believed to function in the regulation of neurotransmitter release. The complex formed with NOS1 and CAPON proteins is necessary for specific nitric-oxid functions at a presynaptic level.
Product Categories/Family for anti-SYN1 antibody	Crown Antibodies; Neuroscience; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	19924099
NCBI GeneID	6853
NCBI Accession #	NP_008881.2; NP_598006.1
NCBI GenBank Nucleotide #	NM_006950.3
UniProt Accession #	P17600; O75825; Q5H9A9; B1AJQ1
Molecular Weight	74111
NCBI Official Full Name	synapsin-1 isoform Ia
NCBI Official Synonym Full Names	synapsin I
NCBI Official Symbol	SYN1
NCBI Official Synonym Symbols	SYNI; SYN1a; SYN1b
NCBI Protein Information	synapsin-1
UniProt Protein Name	Synapsin-1
UniProt Gene Name	SYN1
UniProt Entry Name	SYN1_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.