

Goat SYT1 / Synaptotagmin Polyclonal Antibody | anti-SYT1 antibody

Goat Polyclonal to Human SYT1 / Synaptotagmin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52259	Goat	Bat, Gibbon, Bovine, Chicken, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rabbit, Rat, Zebrafish Predicted Reactivity: <i>Xenopus</i> (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

SYT1 / Synaptotagmin; Polyclonal Antibody; Goat Polyclonal to Human SYT1 / Synaptotagmin; Anti-SYT1 / Synaptotagmin Antibody (Internal) IHC-plus; SYT1; SYT; SVP65; Synaptotagmin; Synaptotagmin 1; Sytl; Synaptotagmin I; Synaptotagmin-1; Human SYT1; anti-SYT1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Bat, Gibbon, Bovine, Chicken, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rabbit, Rat, Zebrafish Predicted Reactivity: <i>Xenopus</i> (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human SYT1 / Synaptotagmin. Reported isoforms NP_005630.1, NP_001129277.1 and NP_001129278.1 represent identical protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	422
Applicable Applications for anti-SYT1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-RDLQSAEKEEQEK from an internal region of human SYT1 / Synaptotagmin (NP_005630.1).
Immunogen Type	Synthetic peptide
Immunogen	SYT1 / Synaptotagmin antibody was raised against synthetic peptide C-RDLQSAEKEEQEK from an internal region of human SYT1 / Synaptotagmin (NP_005630.1). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bat, Bovine, Horse, Rabbit, Pig, Opossum, Turkey, Chicken, Platypus, Lizard, Pufferfish, Zebrafish (100%); <i>Xenopus</i> , Stickleback (92%); Seabass, Magnaportha (85%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
SYT1 antibody (1 ug/ml) staining of human hippocampus lysate (35 ug protein/ml in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)
Anti-SYT1 / Synaptotagmin antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3.75 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SYT1 antibody	Family: Synaptotagmin
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5032139
NCBI GeneID	6857
NCBI Accession #	NP_005630.1
NCBI GenBank Nucleotide #	NM_005639.2
UniProt Accession #	P21579; Q6AI31
Molecular Weight	47,573 Da
NCBI Official Full Name	synaptotagmin-1 isoform 1
NCBI Official Synonym Full Names	synaptotagmin I
NCBI Official Symbol	SYT1
NCBI Official Synonym Symbols	P65; SYT; SVP65
NCBI Protein Information	synaptotagmin-1; sytl; synaptotagmin 1
UniProt Protein Name	Synaptotagmin-1
UniProt Gene Name	SYT1
UniProt Synonym Gene Names	SVP65; SYT; Sytl
UniProt Entry Name	SYT1_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/syt1-synaptotagmin-antibody-western-blot-immunohistochemistry-elisa/52259>