

Rabbit SYT1/Synaptotagmin Polyclonal Antibody | anti-SYT1 antibody

Anti-SYT1/Synaptotagmin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162311	Rabbit	Human Predicted: Mouse, Rat	Western Blot, Immunohistochemistry, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

SYT1/Synaptotagmin; Polyclonal Antibody; Anti-SYT1/Synaptotagmin Antibody; Mouse Monoclonal (IgG2a) to Rat SYT1/Synaptotagmin; SYT1; SYT; SVP65; Synaptotagmin; Synaptotagmin 1; Sytl; Synaptotagmin I; Synaptotagmin-1; anti-SYT1 antibody

PRODUCT SPECIFICATIONS

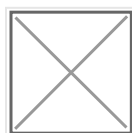
Host	Rabbit
Reactivity	Human Predicted: Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Human SYT1/Synaptotagmin
Purity/Purification	Affinity Purified
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Sequence Length	422
Applicable Applications for anti-SYT1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	Recombinant protein of human SYT1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



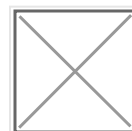
WB (Western Blot)

Western blot analysis of extracts of various cell lines.



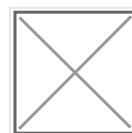
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using SYT1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SYT1 antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells.



IHC (Immunohistochemistry)
Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-SYT1 antibody	May have a regulatory role in the membrane interactions during trafficking of synaptic vesicles at the active zone of the synapse. It binds acidic phospholipids with a specificity that requires the presence of both an acidic head group and a diacyl backbone. A Ca ²⁺ -dependent interaction between synaptotagmin and putative receptors for activated protein kinase C has also been reported.
Product Categories/Family for anti-SYT1 antibody	Synaptotagmin

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 1
NCBI Official Symbol	SYT1
NCBI Official Synonym Symbols	P65; SYT; SVP65
NCBI Protein Information	synaptotagmin-1
UniProt Protein Name	Synaptotagmin-1
UniProt Gene Name	SYT1
UniProt Synonym Gene Names	SVP65; SYT; Sytl

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-immunohistochemistry-immunofluorescence-elisa/162311>