

Synaptotagmin II Antibody | anti-SYT2 antibody

Synaptotagmin II (Phospho-Thr202) Antibody

CATALOG # AAA111012	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence
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PRODUCT SYNONYMS

Synaptotagmin II; Synaptotagmin II (Phospho-Thr202) Antibody; anti-SYT2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Synaptotagmin II (Phospho-Thr202) Antibody detects endogenous levels of SynaptotagminII only when phosphorylated at threonine202.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	419
Applicable Applications for anti-SYT2 antibody	IF (Immunofluorescence)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Synaptotagmin II around the phosphorylation site of threonine 202 (R-K-TP-L-N).
Antibody type	Rabbit polyclonal Antibody
Preparation and Storage	Store at -20 degree C for 1 year

ADDITIONAL INFORMATION

Product Categories/Family for anti-SYT2 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells
References	Gustavsson N, et al. Proc Natl Acad Sci U S A. 2008 Mar 11; 105(10):3992-7. Cnops L, et al. Cereb Cortex. 2008 May; 18(5):1221-31. Lynch KL, et al. Mol Biol Cell. 2007 Dec; 18(12):4957-68.

NCBI AND UNIPROT INFORMATION

NCBI GI #	211059429
NCBI GeneID	127833
NCBI Accession #	NP_001129976.1
NCBI GenBank Nucleotide #	NM_001136504.1
UniProt Accession #	Q8N9I0 ; Q496K5 ; Q8NBE5
NCBI Official Full Name	synaptotagmin-2
NCBI Official Synonym Full Names	synaptotagmin 2

NCBI Official Symbol	SYT2
NCBI Official Synonym Symbols	CMS7; MYSPC; SytII
NCBI Protein Information	synaptotagmin-2
UniProt Protein Name	Synaptotagmin-2
UniProt Gene Name	SYT2
UniProt Synonym Gene Names	SytII

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/human-mouse-rat-antibody/synaptotagmin-ii/111012>