

Syntaxin 1A Antibody | anti-STX1 antibody

Syntaxin 1A (Phospho-Ser14) Antibody

CATALOG # AAA110211	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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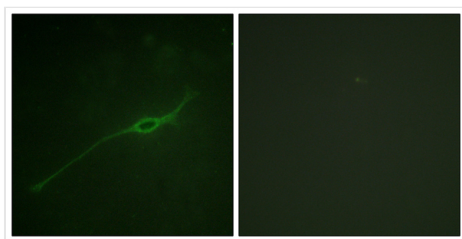
PRODUCT SYNONYMS

Syntaxin 1A; Syntaxin 1A (Phospho-Ser14) Antibody; Neuron-specific antigen HPC-1; P35A; SAP; Synaptotagmin associated 35 kDa protein; syntaxin 1A; anti-STX1 antibody

PRODUCT SPECIFICATIONS

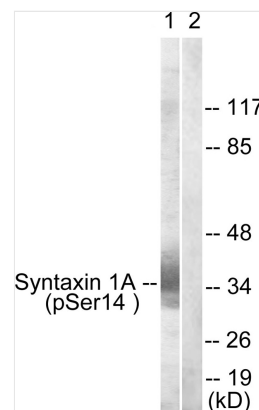
Reactivity	Human, Mouse, Rat
Specificity	Syntaxin 1A (Phospho-Ser14) antibody detects endogenous levels of Syntaxin 1A only when phosphorylated at serine 14.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against 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	251
Applicable Applications for anti-STX1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Syntaxin 1A around the phosphorylation site of serine 14 (K-D-SP-D-D).
All Sites	Human: Ser14 Mouse: Ser14 Rat: Ser14
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from mouse brain cells, using Syntaxin 1A (Phospho-Ser14) antibody. Immunofluorescence analysis of NIH/3T3 cells, using Syntaxin 1A (Phospho-Ser14) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-STX1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Endo K., FEBS Lett. 477:55-61(2000). Wiemann S., Genome Res. 11:422-435(2001). Hillier L.W., Nature 434:724-731(2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	259906442
NCBI GeneID	6804
NCBI Accession #	NP_001159375.1
NCBI GenBank Nucleotide #	NM_001165903.1
UniProt Accession #	Q16623; O15447; O15448; Q12936; Q75MD9; Q7Z5K3; Q9BPZ6
Molecular Weight	28,995 Da
NCBI Official Full Name	syntaxin-1A isoform 2
NCBI Official Synonym Full Names	syntaxin 1A
NCBI Official Symbol	STX1A
NCBI Official Synonym Symbols	STX1; HPC-1; P35-1; SYN1A
NCBI Protein Information	syntaxin-1A
UniProt Protein Name	Syntaxin-1A
UniProt Gene Name	STX1A
UniProt Synonym Gene Names	STX1

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/stx1-human-mouse-rat-antibody/syntaxin-1a/110211>