

Rabbit MUNC-18a Polyclonal Antibody | anti-MUNC-18a antibody

Phospho-MUNC-18a (Ser516) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329263	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MUNC-18a; Polyclonal Antibody; Phospho-MUNC-18a (Ser516) Antibody; FLJ37475; Munc 18 1; Munc 18a; MUNC18 1; N-Sec1; Neuronal SEC1; NSec1; p67; Protein unc-18 homolog 1; Protein unc-18 homolog A; Rb sec1; RBSEC1; STXB1_HUMAN; STXBP1; Syntaxin binding protein 1; Syntaxin-binding protein 1; Unc 18 homolog; Unc 18A; Unc-18A; Unc18 1; UNC18; Unc18-1; anti-MUNC-18a antibody

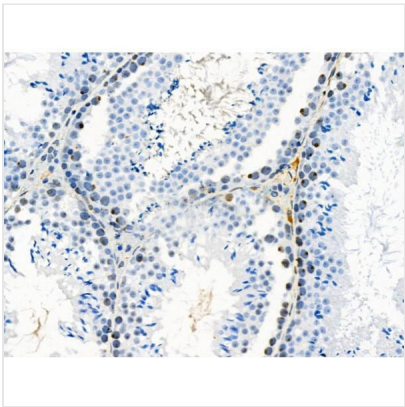
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-MUNC-18a (Ser516) Antibody detects endogenous levels of MUNC-18a only when phosphorylated at Ser516. Tissue Specificity: Brain and spinal cord. Highly enriched in axons.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Applicable Applications for anti-MUNC-18a antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MUNC-18a around the phosphorylation site of Ser516.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
Staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
At 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	73760415
NCBI GeneID	6812
NCBI Accession #	NP_001027392.1
NCBI GenBank Nucleotide #	NM_001032221.3
UniProt Accession #	P61764; Q28208; Q62759; Q64320; Q96TG8; B1AM97
NCBI Official Full Name	syntaxin-binding protein 1 isoform b
NCBI Official Synonym Full Names	syntaxin binding protein 1
NCBI Official Symbol	STXBP1
NCBI Official Synonym Symbols	P67; NSEC1; UNC18; RBSEC1; MUNC18-1
NCBI Protein Information	syntaxin-binding protein 1; N-Sec1; unc-18A; unc18-1; neuronal SEC1; protein unc-18 homolog 1; protein unc-18 homolog A
UniProt Protein Name	Syntaxin-binding protein 1
UniProt Gene Name	STXBP1
UniProt Synonym Gene Names	UNC18A; Unc18-1; Unc-18A
UniProt Entry Name	STXB1_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/munc-18a-antibody-immunohistochemistry-western-blot-elisa/329263>