

Rabbit anti-Human, Mouse STXBP1/MUNC18-1 Polyclonal Antibody | anti-STXBP1/MUNC18-1 antibody

Rabbit anti-STXBP1/MUNC18-1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213182	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

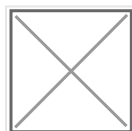
PRODUCT SYNONYMS

STXBP1/MUNC18-1; Polyclonal Antibody; Rabbit anti-STXBP1/MUNC18-1 Antibody; Affinity Purified; protein unc-18 homolog 1; unc18-1; UNC18; syntaxin-binding protein 1; unc-18A; protein unc-18 homolog A; N-Sec1; NSEC1; neuronal SEC1; MUNC18-1; P67; RBSEC1; Syntaxin-binding protein 1; syntaxin binding protein 1; anti-STXBP1/MUNC18-1 antibody

PRODUCT SPECIFICATIONS

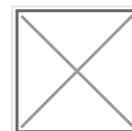
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-STXBP1/MUNC18-1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Chicken, Bovine, Orangutan
Immunogen	Between 150 and 200
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse STXBP1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-STXBP1 antibody AAA213182 (lot AAA213182-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human STXBP1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-STXBP1 antibody AAA213182 (lot AAA213182-1) used for IP at 6 ug per reaction. STXBP1 was also immunoprecipitated by rabbit anti-STXBP1 antibody For blotting immunoprecipitated STXBP1, AAA213182 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-STXBP1/MUNC18-1 antibody	Syntaxin-binding protein 1 (STXBP1) is a syntaxin-binding protein. STXBP1 appears to play a role in release of neurotransmitters via regulation of syntaxin, a transmembrane attachment protein receptor [taken from NCBI Entrez Gene (Gene ID: 6812)].
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507297
NCBI GeneID	6812
NCBI Accession #	NP_003156.1
NCBI GenBank Nucleotide #	NM_003165.3
UniProt Accession #	P61764; Q28208; Q62759; Q64320; Q96TG8; B1AM97
Molecular Weight	68,736 Da
NCBI Official Full Name	syntaxin-binding protein 1 isoform a
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/stxbp1-munc18-1-antibody-immunoprecipitation-western-blot-elisa/213182>