

Rabbit STXBP1 Polyclonal Antibody | anti-STXBP1 antibody

STXBP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233976	Rabbit	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

STXBP1; Polyclonal Antibody; STXBP1 Antibody; Syntaxin-binding protein 1; MUNC18-1; N-Sec1; Protein unc-18 homolog 1; Unc18-1; Protein unc-18 homolog A; Unc-18A; p67; UNC18A; anti-STXBP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	594
Applicable Applications for anti-STXBP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Syntaxin-binding protein 1 protein (245-594AA)
Species	Human
Research Area	Neuroscience
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunofluorescent analysis of HeLa cells using AAA233976 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human melanoma cancer using AAA233976 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: Rat brain tissue, Mouse brain tissueAll lanes: STXBP1 antibody at 2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 68, 69 KDaObserved band size: 68, 69 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-STXBP1 antibody	May participate in the regulation of synaptic vesicle docking and fusion, possibly through interaction with GTP-binding proteins. Essential for neurotransmission and binds syntaxin, a component of the synaptic vesicle fusion machinery probably in a 1:1 ratio. Can interact with syntaxins 1, 2, and 3 but not syntaxin 4. May play a role in determining the specificity of intracellular fusion reactions.
Product Categories/Family for anti-STXBP1 antibody	Neuroscience; Cancer; Metabolism

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
UniProt Protein Name	Syntaxin-binding protein 1
UniProt Gene Name	STXBP1
UniProt Synonym Gene Names	UNC18A; Unc18-1; Unc-18A

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/stxbp1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233976>