

Datasheet for ABIN7171254

anti-STXBP1 antibody (AA 245-594) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	STXBP1
Binding Specificity:	AA 245-594
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STXBP1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Syntaxin-binding protein 1 protein (245-594AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	STXBP1
Alternative Name:	STXBP1 (STXBP1 Products)
Background:	Background: May participate in the regulation of synaptic vesicle docking and fusion, possibly through interaction with GTP-binding proteins. Essential for neurotransmission and binds

Target Details

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.

Aliases: FLJ37475 antibody, Munc 18 1 antibody, Munc 18a antibody, MUNC18 1 antibody, N-Sec1 antibody, Neuronal SEC1 antibody, NSec1 antibody, p67 antibody, Protein unc-18 homolog 1 antibody, Protein unc-18 homolog A antibody, Rb sec1 antibody, RBSEC1 antibody, STXB1_HUMAN antibody, STXBP1 antibody, Syntaxin binding protein 1 antibody, Syntaxin-binding protein 1 antibody, Unc 18 homolog antibody, Unc 18A antibody, Unc-18A antibody, Unc18 1 antibody, UNC18 antibody, Unc18-1 antibody

UniProt: [P61764](#)

Pathways: [Synaptic Vesicle Exocytosis](#), [Dicarboxylic Acid Transport](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.