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Datasheet for ABIN4996420

anti-STXBP6 antibody (AA 1-100) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	STXBP6
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STXBP6 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Amisyn
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Sheep, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	STXBP6
Alternative Name:	Amisyn (STXBP6 Products)
Background:	Synonyms: Amisyn, HSPC156, STXB6_HUMAN, STXBP6, Syntaxin binding protein 6, Syntaxin-

Target Details

binding protein 6.

Background: Amisyn is a mostly cytosolic protein related to Tomosyn which plays an important role in SNARE complex assembly. Amisyn contains a v-SNARE coiled coil homology domain that binds to Syntaxin 1A and weakly to Syntaxin 4. Three isoforms exist for Amisyn. Isoform 1 is the full length protein, isoform 2 has a different amino acid sequence between residues 204-210 and isoform 3 is missing amino acids 1-102 and contains a different sequence for amino acids 103-150. Amisyn lacks a transmembrane domain and therefore is unable to assemble into a functional, membrane-anchored SNARE complex. This suggests that Amisyn may instead be acting to maintain SNARE conformation and facilitate the binding of VAMP-2. Amisyn can inhibit exocytosis independent of Syntaxin binding.

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months