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Datasheet for ABIN1388911
anti-STXBP6 antibody (AA 1-100) (Biotin)

Overview

Quantity:	100 µL
Target:	STXBP6
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STXBP6 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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Restrictions:	For Research Use only
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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 for 12 months.
Expiry Date:	12 months