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Datasheet for ABIN1532363  
**anti-STXBP1 antibody (AA 279-328)**

2 Images

Overview

Quantity:	100 µg
Target:	STXBP1
Binding Specificity:	AA 279-328
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STXBP1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human MUNC-18a.
Isotype:	IgG
Specificity:	MUNC-18a Antibody detects endogenous levels of total MUNC-18a protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	STXBP1
Alternative Name:	MUNC-18a ( <a href="#">STXBP1 Products</a> )
Background:	Synonyms: N- Sec1, STB1, STXB1, STXBP1, Syntaxin binding protein 1, UNC18A, Unc-18

## Target Details

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homolog, Unc-18-1, Unc-18A, p67, rbSec1

NCBI Gene Symbol: STXBP1

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Molecular Weight: 67 kDa

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Gene ID: 6812

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OMIM: 602926

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UniProt: [P61764](#)

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

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## Application Details

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Application Notes: IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:40000

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Comment: Unigene-Number: Hs.288229 (NCBI Gene Symbol: STXBP1)

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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Preservative: Sodium azide

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

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Storage: -20 °C

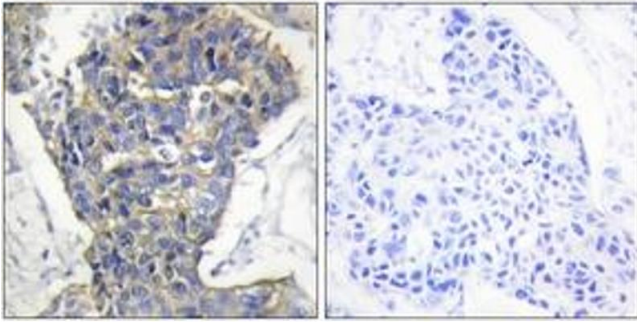
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Storage Comment: Stable at -20°C for at least 1 year.

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Expiry Date: 12 months

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### Immunohistochemistry

**Image 1.** Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MUNC-18a (Ab-313) Antibody. The picture on the right is treated with the synthesized peptide.



### Immunofluorescence

**Image 2.** Immunofluorescence analysis of NIH-3T3 cells, using MUNC-18a (Ab-313) Antibody. The picture on the right is treated with the synthesized peptide.