

# STXBP1 Antibody



PACO55022

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## Product Information

**Size:**

50ug

**Reactivity:**

Human, Rat, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC, IF

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000,  
IHC:1:20-1:200, IF:1:50-1:200

**Protein Background:**

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.

**Gene ID:**

STXBP1

**Uniprot**

P61764

**Synonyms:**

Syntaxin-binding protein 1 (MUNC18-1) (N-Sec1) (Protein unc-18 homolog 1) (Unc18-1) (Protein unc-18 homolog A) (Unc-18A) (p67), STXBP1, UNC18A

**Immunogen:**

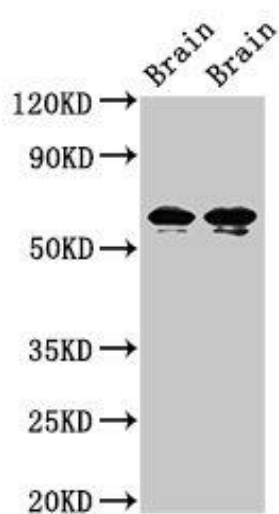
Recombinant Human Syntaxin-binding protein 1 protein (245-594AA).

**Storage:**

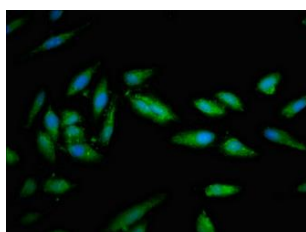
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images

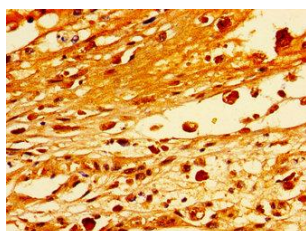
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Western Blot. Positive WB detected in: Rat brain tissue, Mouse brain tissue. All lanes: STXBP1 antibody at 2 $\mu$ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 68, 69 kDa. Observed band size: 68, 69 kDa.



Immunofluorescent analysis of HeLa cells using PACO55022 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry of paraffin-embedded human melanoma using PACO55022 at dilution of 1:100.