

**Syntaxin Binding Protein 1 Rabbit mAb**  
Catalog # AP78322**Specification**

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**Syntaxin Binding Protein 1 Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">P61764</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	67569

**Syntaxin Binding Protein 1 Rabbit mAb - Additional Information****Gene ID** 6812**Other Names**  
STXBP1**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**Syntaxin Binding Protein 1 Rabbit mAb - Protein Information****Name** STXBP1**Synonyms** UNC18A**Function**

Participates in the regulation of synaptic vesicle docking and fusion through interaction with GTP-binding proteins (By similarity). 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. Involved in the release of neurotransmitters from neurons through interacting with SNARE complex component STX1A and mediating the assembly of the SNARE complex at synaptic membranes (By similarity). May play a role in determining the specificity of intracellular fusion reactions.

**Cellular Location**

Cytoplasm, cytosol. Membrane; Peripheral membrane protein

**Tissue Location**

Brain and spinal cord. Highly enriched in axons.

## Syntaxin Binding Protein 1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Syntaxin Binding Protein 1 Rabbit mAb - Images

