

**Product Name: STXBP1 (6W16) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe18427**



## Summary

<b>Production Name</b>	STXBP1 (6W16) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	STXBP1
<b>Alternative Names</b>	P67; NSEC1; UNC18; RBSEC1; MUNC18-1;
<b>Gene ID</b>	6812.0
<b>SwissProt ID</b>	P61764.A synthetic peptide of human Munc18-1

## Application

<b>Dilution Ratio</b>	WB: 1:1000
<b>Molecular Weight</b>	68kDa

## Background

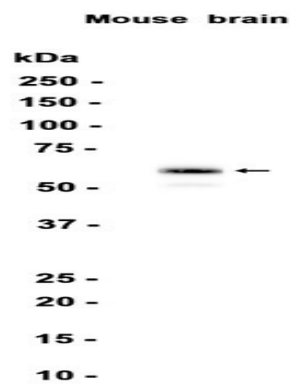
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May participate in the regulation of synaptic vesicle docking and fusion, possibly through interaction with GTP-binding proteins. Essential for neurotransmission and binds syntaxin, a component of the synaptic vesicle fusion machinery probably in a 1:1 ratio. 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. May play a role in determining the specificity of intracellular fusion reactions.

## Research Area

## Image Data



Western blot analysis of extracts from Mouse brain tissue using RM6370 at 1:1000.

## Note

For research use only.