

# STX1B Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5406

## Product Information

---

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P61266</a>
<b>Other Accession</b>	<a href="#">P61265</a> , <a href="#">P61264</a> , <a href="#">P61267</a> , <a href="#">P61268</a>
<b>Reactivity</b>	Human, Mouse
<b>Predicted</b>	Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	33245
<b>Isotype</b>	Rabbit IgG
<b>Antigen Source</b>	HUMAN

## Additional Information

---

<b>Gene ID</b>	112755
<b>Antigen Region</b>	170-203
<b>Other Names</b>	Syntaxin-1B, Syntaxin-1B1, Syntaxin-1B2, STX1B, STX1B1, STX1B2
<b>Dilution</b>	WB~~1:1000
<b>Target/Specificity</b>	This STX1B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 170-203 amino acids from the Central region of human STX1B.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	STX1B Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	STX1B
<b>Synonyms</b>	STX1B1, STX1B2

<b>Function</b>	Potentially involved in docking of synaptic vesicles at presynaptic active zones. May mediate Ca(2+)-regulation of exocytosis acrosomal reaction in sperm (By similarity).
<b>Cellular Location</b>	[Isoform 1]: Membrane; Single-pass type IV membrane protein

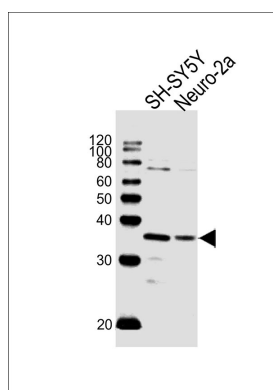
## Background

Potentially involved in docking of synaptic vesicles at presynaptic active zones. May mediate Ca(2+)-regulation of exocytosis acrosomal reaction in sperm (By similarity).

## References

Pereira S.,et al.Gene 423:160-171(2008).  
Fujiwara T.,et al.Submitted (AUG-1994) to the EMBL/GenBank/DDBJ databases.  
Gastaldi M.,et al.Submitted (MAR-2001) to the EMBL/GenBank/DDBJ databases.  
Martin J.,et al.Nature 432:988-994(2004).  
Rigbolt K.T.,et al.Sci. Signal. 4:RS3-RS3(2011).

## Images



All lanes : Anti-STX1B Antibody (Center) at 1:1000 dilution  
Lane 1: SH-SY5Y whole cell lysates Lane 2: Neuro-2a whole cell lysates Lysates/proteins at 20 µg per lane.  
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 33 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.