10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# STX1B Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5406

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | P61266 |
| **Other Accession** | P61265, P61264, P61267, P61268 |
| **Reactivity** | Human, Mouse |
| **Predicted** | Rat |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 33245 |
| **Isotype** | Rabbit IgG |
| **Antigen Source** | HUMAN |

## Additional Information

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| **Gene ID** | 112755 |
| **Antigen Region** | 170-203 |
| **Other Names** | Syntaxin-1B, Syntaxin-1B1, Syntaxin-1B2, STX1B, STX1B1, STX1B2 |
| **Dilution** | WB~~1:1000 |
| **Target/Specificity** | 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. |
| **Format** | 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. |
| **Storage** | 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. |
| **Precautions** | STX1B Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **Name** | STX1B |
| **Synonyms** | STX1B1, STX1B2 |

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

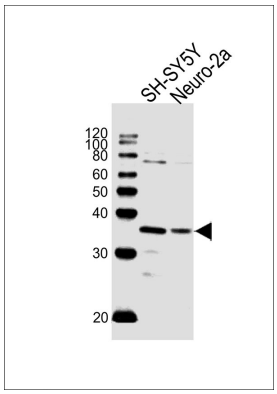
## Background

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'.