

# STX4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP18817c

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q12846</a>
<b>Other Accession</b>	<a href="#">Q08850</a> , <a href="#">P70452</a> , <a href="#">Q3SWZ3</a> , <a href="#">NP_004595.2</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Predicted</b>	Bovine, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB39372
<b>Antigen Region</b>	132-160

## Additional Information

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<b>Other Names</b>	Syntaxin-4, Renal carcinoma antigen NY-REN-31, STX4, STX4A
<b>Target/Specificity</b>	This STX4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 132-160 amino acids from the Central region of human STX4.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<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>	STX4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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Plasma membrane t-SNARE that mediates docking of transport vesicles. Necessary for the translocation of SLC2A4 from intracellular vesicles to the plasma membrane. Together with STXB3 and VAMP2, may also play a role in docking/fusion of intracellular GLUT4-containing vesicles with the cell surface in adipocytes (By similarity). May also play a role in docking of synaptic vesicles at presynaptic active zones.

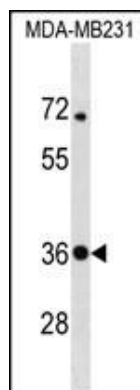
## References

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Kennedy, M.J., et al. Cell 141(3):524-535(2010)  
Brochetta, C., et al. Biochim. Biophys. Acta 1783(10):1781-1791(2008)  
Cooper, G.M., et al. Blood 112(4):1022-1027(2008)  
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## Images

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STX4 Antibody (Center)(Cat. #AP18817c) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the STX4 antibody detected the STX4 protein (arrow).

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