Datasheet for ABIN1537824

**anti-Syntaxin 4 antibody (AA 132-160)**

### Overview

**Quantity:** 400 μL  
**Target:** Syntaxin 4 (STX4)  
**Binding Specificity:** AA 132-160  
**Reactivity:** Human  
**Host:** Rabbit  
**Clonality:** Polyclonal  
**Conjugate:** This Syntaxin 4 antibody is un-conjugated  
**Application:** Western Blotting (WB)

### Product Details

**Immunogen:** 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.  
**Clone:** RB39372  
**Isotype:** Ig Fraction  
**Predicted Reactivity:** B, M, Rat  
**Purification:** This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

**Target:** Syntaxin 4 (STX4)  
**Alternative Name:** STX4 (STX4 Products)
### Target Details

**Background:** 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.

<table>
<thead>
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<th>Molecular Weight:</th>
<th>34180</th>
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<tbody>
<tr>
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<td>Pathways:</td>
<td>Synaptic Vesicle Exocytosis</td>
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### Application Details

**Application Notes:** WB: 1:1000

**Restrictions:** For Research Use only

### Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C-20 °C

**Storage Comment:** STX4 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

**Expiry Date:** 6 months
Western Blotting

**Image 1.** STX4 Antibody (Center) (ABIN1537824 and ABIN2850244) western blot analysis in MDA-M cell line lysates (35 μg/lane). This demonstrates the STX4 antibody detected the STX4 protein (arrow).