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Datasheet for ABIN1390225

anti-Syntaxin 6 antibody (AA 161-255) (Biotin)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | Syntaxin 6 (STX6) |
| Binding Specificity: | AA 161-255 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Syntaxin 6 antibody is conjugated to Biotin |
| Application: | ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human Syntaxin 6 |
| Isotype: | IgG |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Chicken, Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | Syntaxin 6 (STX6) |
| Alternative Name: | Syntaxin 6 (STX6 Products) |
| Background: | Synonyms: STX 6, STX6, STX-6, STX6_HUMAN, Syntaxin-6, Syntaxin6. |

Target Details

Background: Syntaxins, a family of proteins involved in the fusion of synaptic vesicles with the plasma membrane, display broad tissue distribution and contain carboxy-terminal hydrophobic domains that direct themselves to their respective intracellular compartments. Synaptin 6 is a 255 amino acid protein that is widely expressed, with higher expression levels in brain, lung and kidney. This synaptin co-localizes with vesicle associated membrane protein (VAMP) 4 to tubular and vesicular membranes of the Golgi apparatus. The cytosolic domain of Syntaxin 6 reduces the rate on Glut4 reinternalization upon insulin withdrawal and is involved in a membrane-trafficking process that removes Glut4 from traffic directed to the plasma membrane. Syntaxin 6 is upregulated in activated macrophages in conjunction with an increase in the secretion of cytokines. The delivery of microdomain-associated lipids and proteins to the cell surface is regulated by Syntaxin 6.

Pathways: [Synaptic Vesicle Exocytosis](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months