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Datasheet for ABIN1390223

anti-Syntaxin 6 antibody (AA 161-255) (Alexa Fluor 555)

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 Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

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: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months