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Datasheet for ABIN7171238

anti-Syntaxin 4 antibody (AA 1-275)

1 Image

Overview

Quantity:	100 µg
Target:	Syntaxin 4 (STX4)
Binding Specificity:	AA 1-275
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Syntaxin 4 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Syntaxin-4 protein (1-275AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Syntaxin 4 (STX4)
Alternative Name:	STX4 (STX4 Products)
Background:	Background: Plasma membrane t-SNARE that mediates docking of transport vesicles. Necessary for the translocation of SLC2A4 from intracellular vesicles to the plasma membrane.

Target Details

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.

Aliases: NY REN 31 antigen antibody, p35 2 antibody, PLACENTAL antibody, Renal carcinoma antigen NY REN 31 antibody, Renal carcinoma antigen NY-REN-31 antibody, Stx4 antibody, STX4_HUMAN antibody, STX4A antibody, Syntaxin 4 antibody, syntaxin 4A (placental) antibody, Syntaxin 4A antibody, Syntaxin-4 antibody

UniProt: [Q12846](#)

Pathways: [Synaptic Vesicle Exocytosis](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

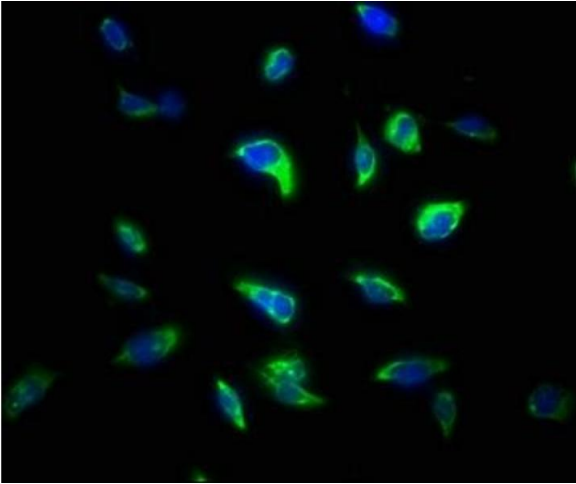
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of U251 cells with ABIN7171238 at 1:133, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).