Datasheet for ABIN5588972

anti-Syntaxin 5 antibody

3 Images

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Overview

Quantity:	100 µL
Target:	Syntaxin 5 (STX5)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Syntaxin 5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against recombinant STX5.
Immunogen:	Recombinant protein corresponding to human STX5.
Sequence:	QIAQLQDFVR AKGSQSGRHL QTHSNTIVVS LQSKLASMSN DFKSVLEVRT ENLKQQRSRR EQFSRAPVSA LPLAPNHLGG GAVVLGAESH ASKDVAIDMM DSRTSQQLQL IDEQDSYIQS RADTMQNIES TIVELGSIFQ QLAHMV
Isotype:	IgG
Cross-Reactivity:	Human

Target Details

Target:	Syntaxin 5 (STX5)
Alternative Name:	STX5 (STX5 Products)

Target Details

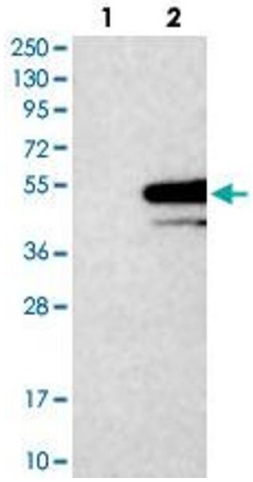
Background:	Full Gene Name: syntaxin 5 Synonyms: SED5,STX5A
Gene ID:	6811
Pathways:	Transition Metal Ion Homeostasis, Regulation of Cell Size, Synaptic Vesicle Exocytosis

Application Details

Application Notes:	Western Blot (1:100-1:250) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) Immunofluorescence (1-4 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

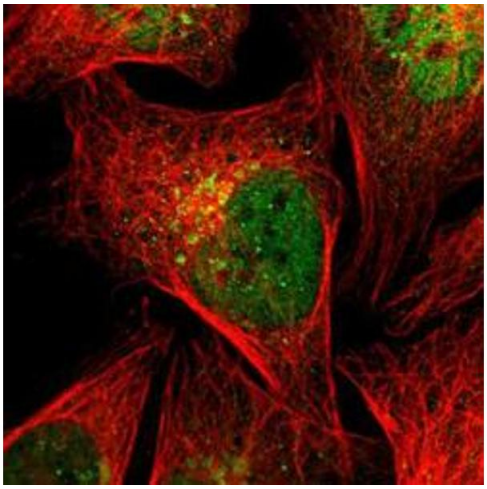
Handling

Format:	Liquid
Buffer:	In PBS, pH 7.2 (40 % glycerol, 0.02 % 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:	Store at 4 °C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.



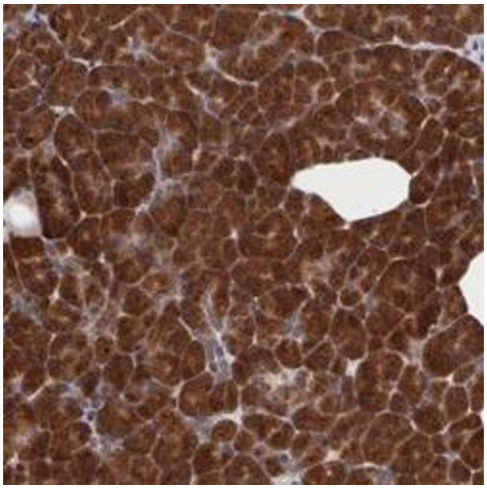
Western Blotting

Image 1. Western blot analysis of HEK293T cell lysate using STX5 polyclonal antibody . Lane 1: Negative control (vector only) Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa)



Immunofluorescence

Image 2. Immunofluorescence of U-2 OS cell line with STX5 polyclonal antibody shows positivity in nucleus but not nucleoli and golgi apparatus. Fixation/Permeabilization: PFA/Triton X-100



Immunohistochemistry

Image 3. Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human pancreas with STX5 polyclonal antibody shows strong cytoplasmic positivity in exocrine glandular cells.

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