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Datasheet for ABIN2788683 anti-Syntaxin 7 antibody (N-Term)

2 Images



Overview

Quantity:	100 µL
Target:	Syntaxin 7 (STX7)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Rabbit, Dog, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Syntaxin 7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human STX7
Sequence:	PSEQRQRKIQ KDRLVAEFTT SLTNFQKVQR QAAEREKEFV ARVRASSRVS
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against STX7. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	Syntaxin 7 (STX7)

Alternative Name: STX7 (STX7 Products)
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn
International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com

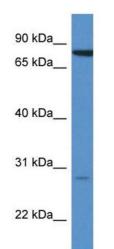
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Target Details	
Background:	STX7 may be involved in protein trafficking from the plasma membrane to the early endosome (EE) as well as in homotypic fusion of endocytic organelles. STX7 mediates the endocytic trafficking from early endosomes to late endosomes and lysosomes. Alias Symbols: - Protein Interaction Partner: STX4, ATP4A, UBL4A, UBC, SYNPO2, CHCHD4, MRPL53, SARNP, SUGP1, CDV3, SBDS, TIMM10B, RAB31, PPIF, SCO2, SNX3, SOD2, SCP2, RPS19, RBMS1, NDUFA7, SERPINH1, ELAVL1, MAPK6, NSF, VPS16, VPS11, SNAP29, VPS18, STX6, STX8, NAPA, VTI1B, VAMP8, ENTPD2, VAMP7, GTF2I, Protein Size: 261
Molecular Weight:	30 kDa
Gene ID:	8417
NCBI Accession:	NM_003569, NP_003560
UniProt:	015400
Pathways:	Synaptic Vesicle Exocytosis
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 261 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN2788683 | 09/11/2023 | Copyright antibodies-online. All rights reserved. Storage Comment:

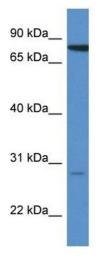
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-STX7 AntibodyTitration: 1.0 μg/mL Positive Control: 721_B Whole Cell STX7 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



Rabbit Anti-STX7 Antibody Catalog Number: ARP61122 Lot Number: QC31883 Lane: 721_B Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 2.