

Datasheet for ABIN572151
anti-Syntaxin 7 antibody (N-Term)



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Overview

Quantity:	500 µg
Target:	Syntaxin 7 (STX7)
Binding Specificity:	N-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Syntaxin 7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide from n-terminal region of mouse Syntaxin-7 (STX7, Syn7, Syntaxin 7) conjugated to an immunogenic carrier protein was used as the antigen.
Isotype:	IgG
Specificity:	Specific for Syntaxin-7.

Target Details

Target:	Syntaxin 7 (STX7)
Alternative Name:	Syntaxin 7 (STX7 Products)
Background:	Function: May be involved in protein trafficking from the plasma membrane to the early endosome (EE) as well as in homotypic fusion of endocytic organelles. Mediates the endocytic trafficking from early endosomes to late endosomes and lysosomes.

Target Details

Subunit: Forms a SNARE complex with VTI1B, STX8 and VAMP8 which functions in the homotypic fusion of late endosomes. Interacts with VPS33A. Found in a complex with VAMP8 and VTI1B in the liver. Part of the SNARE core complex containing VAMP8, STX8 and VTI1B. Interacts with VPS11, VPS16 and VPS18.

Subcellular location: Early endosome membrane, Single-pass type IV membrane protein. Also known as: Syntaxin-7, STX7, Syn7.

Pathways: [Synaptic Vesicle Exocytosis](#)

Application Details

Application Notes: A concentration of 10-50 µg/ml is recommended.

The optimal concentration should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in 100 µL of sterile water. Centrifuge to remove any insoluble material.

Handling Advice: Avoid freeze and thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

Expiry Date: 12 months