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Datasheet for ABIN350941
anti-Syntaxin 7 antibody

Overview

Quantity:	500 µg
Target:	Syntaxin 7 (STX7)
Reactivity:	Mouse
Host:	Sheep
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide from 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.
Cross-Reactivity:	Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

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

Target Details

endosome (EE) as well as in homotypic fusion of endocytic organelles. Mediates the endocytic trafficking from early endosomes to late endosomes and lysosomes. 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.,Syntaxin Family,Syntaxin-7, STX7, Syn7

UniProt: [O70257](#)

Pathways: [Synaptic Vesicle Exocytosis](#)

Application Details

Application Notes: IHC, WB. A concentration of 10-50 µg/ml is recommended. The optimal concentration should be determined by the end user. Not yet tested in other applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in 500 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