Datasheet for ABIN350945
anti-STXB1 antibody (AA 460-510)

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Overview

Quantity:	500 μg
Target:	STXB1
Binding Specificity:	AA 460-510
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STXB1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide from AA 460-510 of human STXB1 conjugated to blue carrier protein was used as the antigen. The peptide is homologous with the corresponding sequence in rat, mouse, chicken and monkey.
Isotype:	IgG
Specificity:	Specific for Syntaxin-binding protein 1.
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	STXB1
Alternative Name:	STXB1
Background:	FUNCTION: May participate in the regulation of synaptic vesicle docking and fusion, possibly through interaction with GTP-binding proteins. Essential for neurotransmission and binds syntaxin, a component of the synaptic vesicle fusion machinery probably in a 1:1 ratio. Can interact with syntaxins 1, 2, and 3 but not syntaxin 4. May play a role in determining the specificity of intracellular fusion reactions.,Syntaxin Family,STXB1, p67, N-Sec1, Unc-18A, Unc-18-1, rbSec1
UniProt:	P61764

Application Details

Application Notes:	IHC, WB. A concentration of 0.1 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