Datasheet for ABIN7449258 anti-Syntaxin 17 antibody (AA 150-200)

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Overview

Quantity:	100 µg
Target:	Syntaxin 17 (STX17)
Binding Specificity:	AA 150-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Syntaxin 17 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit anti-STX17 Antibody, Affinity Purified
Immunogen:	Between AA 150 and 200
lsotype:	lgG
Predicted Reactivity:	Mouse
Purification:	Affinity Purified
Target Details	

Target:	Syntaxin 17 (STX17)
Alternative Name:	STX17 (STX17 Products)
Background:	Background: SNAREs, soluble N-ethylmaleimide-sensitive factor-attachment protein receptors,

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	are essential proteins for fusion of cellular membranes. SNAREs localized on opposing
	membranes assemble to form a trans-SNARE complex, an extended, parallel four alpha-helical
	bundle that drives membrane fusion. STX17 is a SNARE of the autophagosome involved in
	autophagy through the direct control of autophagosome membrane fusion with the lysosome
	membrane (PubMed:23217709, PubMed:25686604). May also play a role in the early secretory
	pathway where it may maintain the architecture of the endoplasmic reticulum-Golgi
	intermediate compartment/ERGIC and Golgi and/or regulate transport between the
	endoplasmic reticulum, the ERGIC and the Golgi (PubMed:21545355) [taken from the Universal
	Protein Resource (UniProt) P56962].
Gene ID:	55014
UniProt:	P56962
Pathways:	Synaptic Vesicle Exocytosis
Application Details	
Application Notes:	1:2,000 - 1:10,000
Restrictions:	For Research Use only
Handling	
Concentration:	1000 μg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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
Expiry Date:	12 months