

Datasheet for ABIN7076146
anti-UNC13A/Munc13-1 antibody[Go to Product page](#)

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Overview

Quantity:	100 µL
Target:	UNC13A/Munc13-1 (UNC13A)
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse Munc13-1
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	UNC13A/Munc13-1 (UNC13A)
Alternative Name:	Munc13-1 (UNC13A Products)
Background:	<p>Unc-13 homolog A (C. elegans) is a protein that in humans is encoded by the UNC13A gene..</p> <p>This gene encodes a member of the UNC13 family. UNC13A plays a role in vesicle maturation during exocytosis as a target of the diacylglycerol second messenger pathway. It is involved in neurotransmitter release by acting in synaptic vesicle priming prior to vesicle fusion and participates in the activity-dependent refilling of readily releasable vesicle pool. It is particularly important in most glutamatergic-mediated synapses but not GABA-mediated synapses. It plays</p>

Target Details

	a role in dendrite formation by melanocytes and in secretory granule priming in insulin secretion.
Molecular Weight:	194 kDa
Gene ID:	382018
NCBI Accession:	NP_001025044
UniProt:	Q4KUS2
Pathways:	Skeletal Muscle Fiber Development , Synaptic Vesicle Exocytosis

Application Details

Application Notes:	WB (M,R) 1: 1000-1: 2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % 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:	-20 °C

Images

