

Datasheet for ABIN7076146
anti-UNC13A/Munc13-1 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	UNC13A/Munc13-1 (UNC13A)
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UNC13A/Munc13-1 antibody is un-conjugated
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:	Unc-13 homolog A (C. elegans) is a protein that in humans is encoded by the UNC13A gene.. 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

Target Details

important in most glutamatergic-mediated synapses but not GABA-mediated synapses. It plays 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

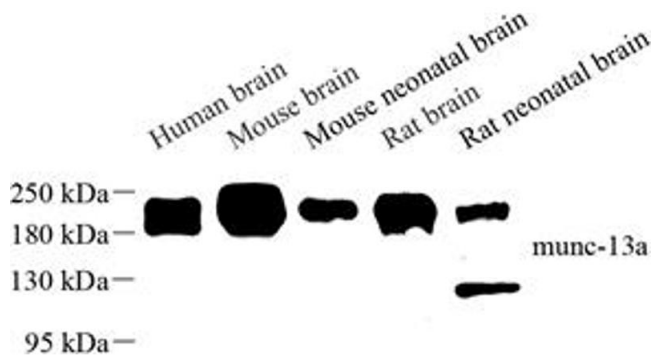
Format: Liquid

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



Western Blotting

Image 1. Western blot analysis of munc-13a (ABIN7076146) at dilution of 1: 1000