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Datasheet for ABIN7076146 anti-UNC13A/Munc13-1 antibody

l Image



Overview

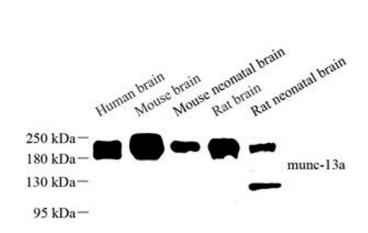
Quantity:	100 µL			
Target:	UNC13A/Munc13-1 (UNC13A)			
Reactivity:	Mouse, Rat			
Host:	Rabbit			
Clonality:	Polyclonal			
Application:	Western Blotting (WB)			
Product Details				
Immunogen:	Recombinant protein corresponding to Mouse Munc13-1			
Cross-Reactivity:	Rat			
Purification:	Affinity purification			
Target Details				
Target:	UNC13A/Munc13-1 (UNC13A)			
Alternative Name:	Munc13-1 (UNC13A Products)			
Background:	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 important in most glutamatergic-mediated synapses but not GABA-mediated synapses. It plays			

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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



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