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## Datasheet for ABIN7166242 anti-UNC13B antibody (AA 12-215) (Biotin)

### Overview

Quantity:	100 µL
Target:	UNC13B
Binding Specificity:	AA 12-215
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UNC13B antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Protein unc-13 homolog B protein (12-215AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	UNC13B
Alternative Name:	UNC13B ( <a href="#">UNC13B Products</a> )
Background:	Background: Plays a role in vesicle maturation during exocytosis as a target of the diacylglycerol second messenger pathway. Is involved in neurotransmitter release by acting in

## Target Details

synaptic vesicle priming prior to vesicle fusion and participates in the activity-dependent refilling of readily releasable vesicle pool (RRP). Essential for synaptic vesicle maturation in a subset of excitatory/glutamatergic but not inhibitory/GABA-mediated synapses (By similarity).

Aliases: hmunc13 antibody, MGC133279 antibody, MGC133280 antibody, munc13 antibody, Munc13-2 antibody, Protein unc-13 homolog B antibody, UN13B\_HUMAN antibody, unc-13 homolog B (C. elegans) antibody, UNC13 antibody, Unc13b antibody, Unc13h2 antibody

UniProt: [O14795](#)

Pathways: [Skeletal Muscle Fiber Development](#), [Synaptic Vesicle Exocytosis](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.