Datasheet for ABIN657040

anti-UNC13B antibody (N-Term)

1 Image

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Overview

Quantity:	400 µL
Target:	UNC13B
Binding Specificity:	AA 263-292, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UNC13B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This UNC13B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 263-292 amino acids from the N-terminal region of human UNC13B.
Clone:	RB32155
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	UNC13B
Alternative Name:	UNC13B (UNC13B Products)
Background:	This gene is expressed in the kidney cortical epithelial cells and is upregulated by

Target Details

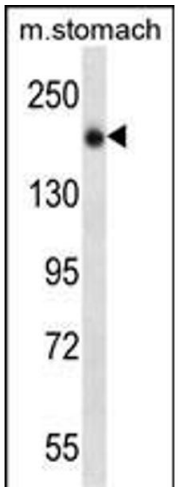
	hyperglycemia. The encoded protein shares a high level of similarity to the rat homolog, and contains 3 C2 domains and a diacylglycerol-binding C1 domain. Hyperglycemia increases the levels of diacylglycerol, which has been shown to induce apoptosis in cells transfected with this gene and thus contribute to the renal cell complications of hyperglycemia. Studies in other species also indicate a role for this protein in the priming step of synaptic vesicle exocytosis. [provided by RefSeq].
Molecular Weight:	180679
NCBI Accession:	NP_006368
UniProt:	O14795
Pathways:	Skeletal Muscle Fiber Development, Synaptic Vesicle Exocytosis

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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,-20 °C
Expiry Date:	6 months



Western Blotting

Image 1. UNC13B Antibody (N-term) (ABIN657040 and ABIN2846211) western blot analysis in mouse stomach tissue lysates (35 µg/lane).This demonstrates the UNC13B antibody detected the UNC13B protein (arrow).