

Datasheet for ABIN768594

anti-UNC13B antibody (Internal Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	UNC13B
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This UNC13B antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Unc13b (mouse)
Immunogen:	Peptide with sequence PLRDVAAKGSC, from the internal region of the protein sequence according to NP_074053.1, NP_001036044.1.
Sequence:	PLRDVAAKGS C
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_074053.1, NP_001036044.1).
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

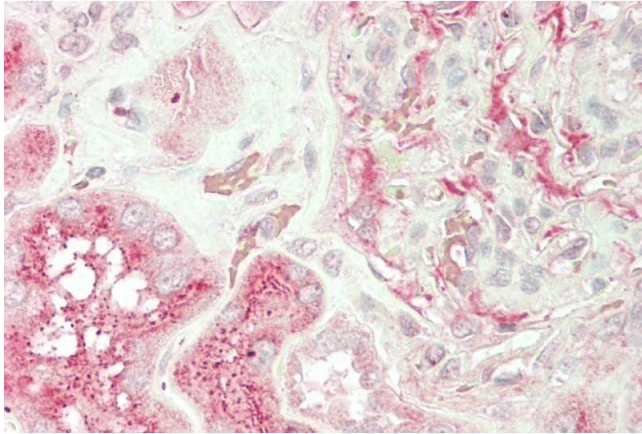
Target:	UNC13B
Alternative Name:	Unc13b (UNC13B Products)
Background:	Unc13b, unc-13 homolog B (C. elegans), Munc13-2, Unc13h2, unc-13 homolog B
Molecular Weight:	110kDa
Gene ID:	22249, 64830
NCBI Accession:	NP_074053 , NP_001036044
Pathways:	Skeletal Muscle Fiber Development , Synaptic Vesicle Exocytosis

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 5 µg/mL. Western Blot: Preliminary experiments gave an approx 110 kDa band in Rat Lung lysates after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 184 kDa ac Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN768594 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.