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Datasheet for ABIN6242756

anti-UNC5B antibody (AA 507-541)

1 Image

[QR code]

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Overview

Quantity:	400 µL
Target:	UNC5B
Binding Specificity:	AA 507-541
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UNC5B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This UNC5B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 507-541 amino acids from the Central region of human UNC5B.
Clone:	RB52980
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	UNC5B
Alternative Name:	UNC5B (UNC5B Products)
Background:	Receptor for netrin required for axon guidance. Mediates axon repulsion of neuronal growth

Target Details

cones in the developing nervous system upon ligand binding. Axon repulsion in growth cones may be caused by its association with DCC that may trigger signaling for repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand. Mediates apoptosis by activating DAPK1. In the absence of NTN1, activates DAPK1 by reducing its autoinhibitory phosphorylation at Ser-308 thereby increasing its catalytic activity.

Molecular Weight:	103638
UniProt:	Q8IZJ1

Application Details

Application Notes:	WB: 1:2000
Restrictions:	For Research Use only

Handling

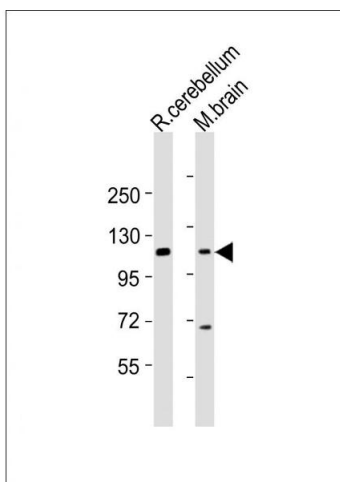|	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Images

Western Blotting

Image 1. All lanes : Anti-UNC5B Antibody (Center) at 1:2000 dilution Lane 1: rat cerebellum lysates Lane 2: mouse brain lysates Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 104 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.