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Datasheet for ABIN7161186  
**anti-UNC5B antibody (AA 404-517) (HRP)**

### Overview

Quantity:	100 µg
Target:	UNC5B
Binding Specificity:	AA 404-517
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UNC5B antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Netrin receptor UNC5B protein (404-517AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	UNC5B
Alternative Name:	UNC5B ( <a href="#">UNC5B Products</a> )
Background:	Background: Receptor for netrin required for axon guidance. Mediates axon repulsion of neuronal growth cones in the developing nervous system upon ligand binding. Axon repulsion in

## Target Details

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growth cones may be caused by its association with DCC that may trigger signaling for repulsion (By similarity). Functions as netrin receptor that negatively regulates vascular branching during angiogenesis. Mediates retraction of tip cell filopodia on endothelial growth cones in response to netrin (By similarity). It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand (PubMed:12598906). 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 (By similarity).  
Aliases: 6330415E02Rik antibody, A630020F16 antibody, D10Bwg0792e antibody, Netrin receptor UNC5B antibody, Netrin receptor UNC5B Precursor antibody, p53 regulated receptor for death and life antibody, p53 regulated receptor for death and life protein 1 antibody, p53-regulated receptor for death and life protein 1 antibody, p53RDL1 antibody, Protein unc-5 homolog 2 antibody, Protein unc-5 homolog B antibody, Protein XUNC 5 antibody, Transmembrane receptor Unc5H2 antibody, Unc 5 homolog 2 antibody, Unc 5 homolog B antibody, Unc 5 netrin receptor B antibody, UNC 5B antibody, Unc5 (C.elegans homolog) b antibody, Unc5b antibody, UNC5B\_HUMAN antibody, UNC5H2 antibody

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UniProt: [Q8IZJ1](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

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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.