Datasheet for ABIN1049514

anti-UNC5B antibody (Internal Region)

1 Publication

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Overview

Quantity:	100 µg
Target:	UNC5B
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This UNC5B antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Unc5b (mouse, rat)
Immunogen:	Peptide with sequence C-DWIFQLKTQAHQGH, from the of the protein sequence according to NP_084046.2.
Sequence:	DWIFQLKTQA HQGH
Isotype:	IgG
Specificity:	This antibody is expected to recognize the cytoplasmic domain of the protein.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	UNC5B
Alternative Name:	Unc5b (UNC5B Products)
Background:	Unc5b, unc-5 homolog B (C. elegans), 6330415E02Rik, A630020F16, D10Bwg0792e, Unc5h2, netrin receptor UNC5B, protein unc-5 homolog 2, protein unc-5 homolog B, unc-5 homolog 2, unc5 homolog 2
Gene ID:	219699, 107449, 60630
NCBI Accession:	NP_084046

Application Details

Application Notes:	Western Blot: Preliminary experiments in Human and rodent Brain, Lung and Spleen lysates gave no specific signal but low background (at antibody concentration up to 1 µg/mL). We would appreciate any feedback from people in the field - have any results be Peptide ELISA: antibody detection limit dilution 1:16000.
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.

Publications

Product cited in:	Choi, de Poot, Lee, Kim, Han, Kim, Finley, Lee: "Open-gate mutants of the mammalian

proteasome show enhanced ubiquitin-conjugate degradation." in: **Nature communications**, Vol. 7, pp. 10963, (2016) (PubMed).