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Datasheet for ABIN185403

anti-RTN4R antibody (Internal Region)

1 Image

Overview

Quantity:	100 µg
Target:	RTN4R
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RTN4R antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Nogo 66 receptor
Immunogen:	Peptide with sequence C-LQALPDDTFRDLGN, from the internal region of the protein sequence according to NP_075380.1.
Sequence:	LQALPDDTFR DLGN
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	RTN4R
Alternative Name:	RTN4R (RTN4R Products)
Background:	RTN4R, Nogo-66 receptor, reticulon 4 receptor, HGNC:1860, NGR, NOGOR, UNQ330/PRO526, nogo receptor, reticulon 4 receptor precursor, OTTHUMP00000197866
Gene ID:	65078
NCBI Accession:	NP_075380
Pathways:	Neurotrophin Signaling Pathway

Application Details

Application Notes:	Western Blot: Experiments gave bands at approx 90-100 kDa and 37+40+45 kDa in Human brain lysate after 0.3 µg/mL antibody staining. These bands were successfully blocked by the immunizing peptide and they correspond to earlier findings in the literature with 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.

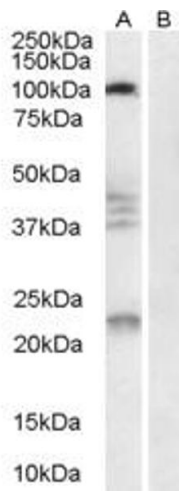


Image 1. ABIN185403 (0.3µg/ml) staining of Human Brain lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.