

#### **UK Office**

## **Everest Biotech Ltd**

Cherwell Innovation Centre

77 Heyford Park Upper Heyford Oxfordshire **OX25 5HD** UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

#### **US Office**

#### **Everest Biotech c/o Abcore**

405 Maple Street, Suite A106

Ramona, CA 92065 USA

Inquiries:

info@everestbiotech.com

Sales:

usasales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB06758 - Goat Anti-Nogo 66 receptor Antibody

Size: 100µg specific antibody in 200µl



# **Target Protein**

Principal Names: Nogo-66 receptor, RTN4R, reticulon 4 receptor, HGNC:1860, NGR,

NOGOR, UNQ330/PRO526, nogo receptor, reticulon 4 receptor precursor,

OTTHUMP00000197866 Official Symbol: RTN4R

Accession Number(s): NP\_075380.1

Human GeneID(s): 65078

## **Immunogen**

Peptide with sequence C-LQALPDDTFRDLGN, from the internal region of the protein sequence according to NP\_075380.1.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:16000.

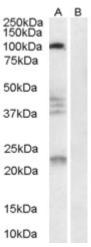
Western blot: Experiments gave bands at approx 90-100kDa and 37+40+45kDa in Human brain lysate after 0.3µg/ml antibody staining. These bands were successfully blocked by the immunizing peptide and they correspond to earlier findings in the literature with different antibodies (Wang et al, J Neurosci. 2002 Jul 1;22(13):5505-15). This protein has a calculated MW of 50.7kDa according to NP\_075380.1. Recommended

concentration: 0.3-1µg/ml.

## Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Pig, Dog



EB06758 (0.3 $\mu$ g/ml) staining of Human Brain lysate (35 $\mu$ g protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.