

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09162 - Goat Anti-NOGO-A / Reticulon 4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RTN4, reticulon 4, ASY, NI220/250, NOGO, NOGO-A, NOGOC, NSP, NSP-CL, Nbla00271, Nbla10545, Nogo-B, Nogo-C, RTN-X, RTN4-A, RTN4-B1, RTN4-B2, RTN4-C, Human NogoA, My043 protein, foccen, neurite growth inhibitor 220, neurite outgrowth inhibitor, neuroendocrine-specific protein C homolog, reticulon 5

**Official Symbol:** RTN4

**Accession Number(s):** NP\_065393.1; NP\_997404.1

**Human GeneID(s):** [57142](#)

**Important Comments:** This antibody is expected to recognize reported isoform A (NP\_065393.1) and isoform E (NP\_997404.1).

### Immunogen

Peptide with sequence C-KAQIVTEKNTSTKTS, from the internal region of the protein sequence according to NP\_065393.1; NP\_997404.1.

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 1:128000.

**IHC:** In paraffin embedded Human Cortex shows cytoplasm staining in neuronal cell bodies and in axons. Recommended concentration, 2-6ug/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog

EB09162 (2.5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.