

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

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, foocen, 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

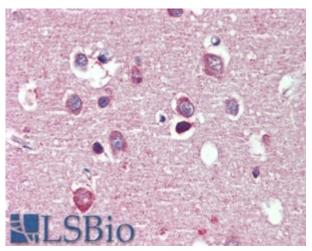
Peptide ELISA: antibody detection limit dilution 1:128000.

IHC: In paraffin embedded Human Cortex shows cytoplasm staining in neuronal cell bodies and in axons. Paraffin embedded Human Testis. Recommended concentration: 2.5μg/ml.

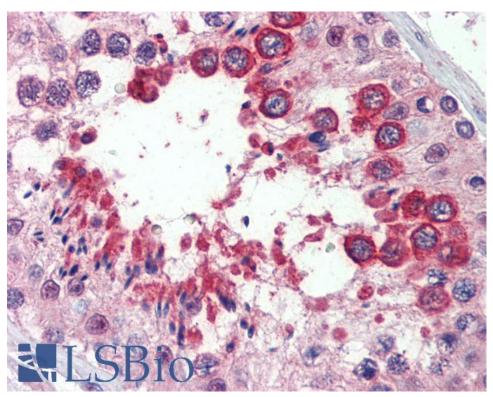
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



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



 $EB09162~(2.5\mu g/ml)~staining~of~paraffin~embedded~Human~Testis.~Steamed~antigen~retrieval~with~citrate~buffer~pH~6,~AP-staining.$