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**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. Paraffin embedded Human Testis. Recommended concentration: 2.5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

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

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