

Goat anti-Human NOGO-A/Reticulon 4 Antibody | anti-RTN4 antibody

Goat anti-NOGO-A/Reticulon 4 Antibody

CATALOG # AAA61857	HOST Goat	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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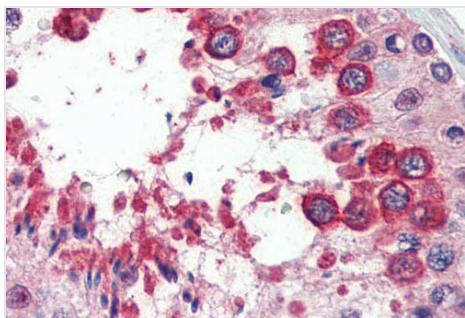
PRODUCT SYNONYMS

NOGO-A/Reticulon 4; Goat anti-NOGO-A/Reticulon 4 Antibody; 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; neuroendocri; anti-RTN4 antibody

PRODUCT SPECIFICATIONS

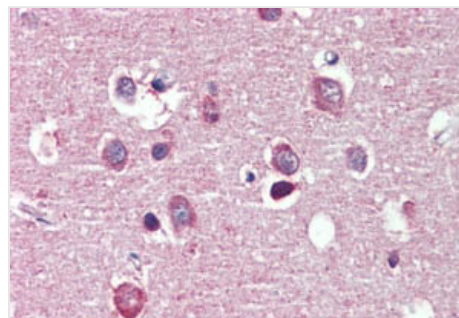
Host	Goat
Reactivity	Human
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-RTN4 antibody	IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-KAQIVTEKNTSTKTS, from the internal region of the protein sequence according to NP_065393.1; NP_997404.1.
Epitope	internal region
Notes	This antibody is expected to recognize reported isoform A (NP_065393.1) and isoform E (NP_997404.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

AAA61857 (2.5ug/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



IHC (Immunohistochemistry)

AAA61857 (2.5ug/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

ADDITIONAL INFORMATION

References	Lee H, Raiker SJ, Venkatesh K, Geary R, Robak LA, Zhang Y, Yeh HH, Shrager P, Giger RJ.; Synaptic function for the Nogo-66 receptor NgR1: regulation of dendritic spine morphology and activity-dependent synaptic strength.; J. Neurosci. 2008 Mar 28 (11): 2753-65.; PMID: 18337405
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24431935
NCBI GeneID	57142
NCBI Accession #	NP_065393.1; NP_997404.1
NCBI GenBank Nucleotide #	NM_020532.4
UniProt Accession #	Q9NQC3; O94962; Q7L7Q5; Q7L7Q6; Q7L7Q8; Q8IUA4; Q96B16; Q9BXG5; Q9H212; Q9H3I3; Q9UQ42; Q9Y293
Molecular Weight	108,450 Da
NCBI Official Full Name	reticulon-4 isoform A
NCBI Official Synonym Full Names	reticulon 4
NCBI Official Symbol	RTN4
NCBI Official Synonym Symbols	ASY; NSP; NOGO; NOGOC; RTN-X; NOGO-A; NSP-CL; Nogo-B; Nogo-C; RTN4-A; RTN4-C; RTN4-B1; RTN4-B2; NI220/250; Nbla00271; Nbla10545
NCBI Protein Information	reticulon-4; foocen; Human NogoA; reticulon 5; My043 protein; neurite outgrowth inhibitor; neurite growth inhibitor 220; neuroendocrine-specific protein C homolog
UniProt Protein Name	Reticulon-4
UniProt Gene Name	RTN4
UniProt Synonym Gene Names	KIAA0886; NOGO; Nogo protein; NSP
UniProt Entry Name	RTN4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/goat-rtn4-human-antibody/nogo-a-reticulon-4/61857>