

Rabbit RTN4 / Nogo Polyclonal Antibody | anti-RTN4 antibody

Rabbit Polyclonal to Human RTN4 / Nogo

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51415	Rabbit	Gibbon, Human, Monkey, Mouse, Pig, Rat Predicted Reactivity: Bovine (at least 90% immunogen sequence identity)	Western Blot, Immunohistochemistry

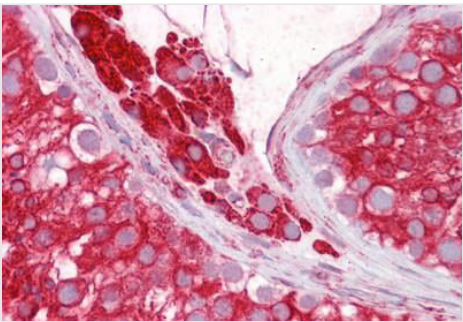
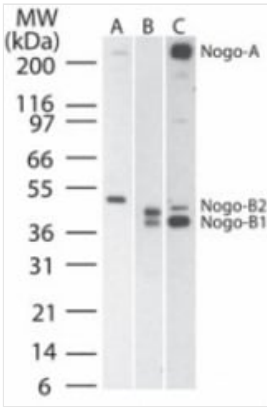
PRODUCT SYNONYMS

RTN4 / Nogo; Polyclonal Antibody; Rabbit Polyclonal to Human RTN4 / Nogo; Anti-RTN4 / Nogo Antibody (aa14-30) IHC-plus; RTN4; Human NogoA; My043 protein; Neurite outgrowth inhibitor; NOGOC; NSP-CL; Nogo protein; KIAA0886; Reticulon 5; Reticulon-4; Reticulon-5; Reticulon 4; RTN4-B1; RTN-X; RTN4-A; RTN4-B2; RTN4-C; Nbla00271; Neurite growth inhibitor 220; NI220/250; Nogo; Human RTN4; anti-RTN4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Human, Monkey, Mouse, Pig, Rat Predicted Reactivity: Bovine (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	A synthetic sequence corresponding to amino acids 14-30 (DSPPRPQPAFKYQFVRE) of human Nogo-B was used as the immunogen.
Purity/Purification	Unpurified serum
Form/Format	PBS containing 0.05% BSA and 0.05% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	1192
Applicable Applications for anti-RTN4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	A synthetic sequence corresponding to amino acids 14-30 (DSPPRPQPAFKYQFVRE) of human Nogo-B was used as the immunogen, GenBank no. AAG40878.1 AF320999_1.
Immunogen	RTN4 / Nogo antibody was raised against a synthetic sequence corresponding to amino acids 14-30 (DSPPRPQPAFKYQFVRE) of human Nogo-B was used as the immunogen, GenBank no. AAG40878.1 AF320999_1. Percent identity by BLAST analysis: Human, Gibbon, Monkey, Marmoset, Pig (100%); Bovine (94%); Mouse, Rat, Bat, Dog (88%); Opossum (82%).
Antigen Modification	aa14-30
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C; Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Anti-RTN4 / Nogo antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

WB (Western Blot)
Western blot of Nogo-A and -B in A) human, B) mouse, and C) rat brain tissue lysate using antibody at 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-RTN4 antibody	This gene belongs to the family of reticulon encoding genes. Reticulons are associated with the endoplasmic reticulum, and are involved in neuroendocrine secretion or in membrane trafficking in neuroendocrine cells. The product of this gene is a potent neurite outgrowth inhibitor which may also help block the regeneration of the central nervous system in higher vertebrates.
Product Categories/Family for anti-RTN4 antibody	Family: Reticulon

NCBI AND UNIPROT INFORMATION

NCBI GI #	24431935
NCBI GeneID	57142
NCBI Accession #	NP_065393.1
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/polyclonal/rtn4-nogo-antibody-western-blot-immunohistochemistry-elisa/51415>