

Rabbit Nogo A Polyclonal Antibody | anti-NOGOA antibody

Nogo A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327535	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

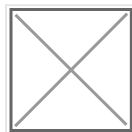
PRODUCT SYNONYMS

Nogo A; Polyclonal Antibody; Nogo A Antibody; 1110020G17Rik; AA407876; AA409940; AA960376; ASY; C130026I10Rik; Foccen; Glut4 vesicle 20 kDa protein; Human NogoA; Kiaa0886; KIAA4153; MGC116054; MGC139261; mKIAA0886; mKIAA4153; My043 protein; Nbla00271; Nbla10545; Neurite growth inhibitor 220; Neurite Growth Inhibitor 220; included; Neurite outgrowth inhibitor; Neuroendocrine-specific protein; Neuroendocrine-specific protein C homolog; NI-250; NI220/250; NOGO; Nogo B; Nogo C; Nogo protein; NOGOC; NSP; NSP-CL; rat N; Reticulon 4; Reticulon 5; Reticulon-4; Reticulon-5; RTN X; RTN-x; Rtn4; Rtn4 reticulon 4; RTN4-A; RTN4-B1; RTN4-B2; RTN4-C; RTN4_HUMAN; Vp20; anti-NOGOA antibody

PRODUCT SPECIFICATIONS

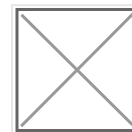
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Nogo A Antibody detects endogenous levels of total Nogo A.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-NOGOA antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Nogo A, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA327535 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis Nogo A using HuvEc whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-NOGOA antibody

Developmental neurite growth regulatory factor with a role as a negative regulator of axon-axon adhesion and growth, and as a facilitator of neurite branching. Regulates neurite fasciculation, branching and extension in the developing nervous system. Involved in down-regulation of growth, stabilization of wiring and restriction of plasticity in the adult CNS. Regulates the radial migration of cortical neurons via an RTN4R-LINGO1 containing receptor complex (By similarity). Isoform 2 reduces the anti-apoptotic activity of bcl-xl and Bcl-2. this is likely consecutive to their change in subcellular location, from the mitochondria to the endoplasmic reticulum, after binding and sequestration. Isoform 2 and isoform3 inhibit BACE1 activity and amyloid precursor protein processing.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1013381327
NCBI GeneID	57142
NCBI Accession #	NP_001308788.1
NCBI GenBank Nucleotide #	NM_001321859.1
UniProt Accession #	Q9NQC3; O94962; Q7L7Q5; Q7L7Q6; Q7L7Q8; Q8IUA4; Q96B16; Q9BXG5; Q9H212; Q9H3I3; Q9UQ42; Q9Y293
Molecular Weight	129 kDa
NCBI Official Full Name	reticulon-4 isoform E
NCBI Official Synonym Full Names	reticulon 4
NCBI Official Symbol	RTN4
NCBI Official Synonym Symbols	ASY; NSP; NOGO; RTN-X; NSP-CL; RTN4-A; RTN4-C; RTN4-B1; RTN4-B2; NI220/250; Nbla00271; Nbla10545
NCBI Protein Information	reticulon-4
UniProt Protein Name	Reticulon-4
UniProt Gene Name	RTN4
UniProt Synonym Gene Names	KIAA0886; NOGO; Nogo protein; NSP

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/nogo-a-antibody-immunohistochemistry-western-blot-elisa/327535>