

## Nogo B Conjugated Antibody

Catalog No: #C49653



Package Size: #C49653-AF350 100ul #C49653-AF405 100ul #C49653-AF488 100ul  
 #C49653-AF555 100ul #C49653-AF594 100ul #C49653-AF647 100ul  
 #C49653-AF680 100ul #C49653-AF750 100ul #C49653-Biotin 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
 Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Nogo B Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	1110020G17Rik antibody AA407876 antibody AA409940 antibody AA960376 antibody ASY antibody C130026110Rik antibody Foccen antibody Glut4 vesicle 20 kDa protein antibody Human NogoA antibody Kiaa0886 antibody KIAA4153 antibody MGC116054 antibody MGC139261 antibody mKIAA0886 antibody mKIAA4153 antibody My043 protein antibody Nbla00271 antibody Nbla10545 antibody Neurite growth inhibitor 220 antibody Neurite Growth Inhibitor 220, included antibody Neurite outgrowth inhibitor antibody Neuroendocrine-specific protein antibody Neuroendocrine-specific protein C homolog antibody NI-250 antibody NI220/250 antibody Nogo A antibody NOGO antibody Nogo B antibody Nogo C antibody Nogo protein antibody NOGOC antibody NSP antibody NSP-CL antibody rat N antibody Reticulon 4 antibody Reticulon 5 antibody Reticulon-4 antibody Reticulon-5 antibody RTN X antibody RTN-x antibody Rtn4 antibody Rtn4 reticulon 4 antibody RTN4-A antibody RTN4-B1 antibody RTN4-B2 antibody RTN4-C antibody RTN4_HUMAN antibody Vp20 antibody
Accession No.	Swiss-Prot#:Q9NQC3
Uniprot	Q9NQC3
GeneID	57142;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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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. 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 isoform 3 inhibit BACE1 activity and amyloid precursor protein processing.

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Note: This product is for in vitro research use only