

## Nogo-A Polyclonal Antibody Cy3 Conjugated

Catalog No: #C00106Cy3

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## Description

Product Name	Nogo-A Polyclonal Antibody Cy3 Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 350-400 1192 derived from mouse RTN4 protein
Conjugates	Cy3
Target Name	Nogo-A
Other Names	ASY; NgA; NOGO; NSP-CL; Nogo-A; Nogo-B; Nogo-C; AA407876; AA409940; AA960376; mKIAA0886; mKIAA4153; 1110020G17Rik; C130026I10Rik; Reticulon-4; Neurite outgrowth inhibitor; Nogo protein; Rtn4; Kiaa0886
Accession No.	Swiss-Prot#:Q99P72NCBI Gene ID:68585
Uniprot	Q99P72
GeneID	68585;
Excitation Emission	512,550nm 570,615nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IF=1:50-200

## Background

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. May inhibit BACE1 activity and amyloid precursor protein processing.

Note: This product is for in vitro research use only