



RTN4R Monoclonal Antibody

Catalog No	YP-mAb-07260
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RTN4R NOGOR UNQ330/PRO526
Immunogen	Synthesized peptide derived from human protein . at AA range: 270-350
Specificity	RTN4R Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NGR;NOGOR;NgR1;RTN4R_HUMAN;RTN4R;Nogo receptor (NgR);Nogo-66 receptor;RTN4R_MOUSE;Nogo66 receptor-1 (NgR1);RTN4R_RAT;RTN4R NOGOR UNQ330/PRO526;Reticulon-4 receptor (Nogo receptor) (NgR) (Nogo-66 receptor)
Observed Band	48 kDa
Calculated Molecular Weight	51 kDa
Cell Pathway	Cell membrane ; Lipid-anchor, GPI-anchor . Membrane raft . Cell projection, dendrite . Cell projection, axon . Perikaryon . Detected along dendrites and axons, close to synapses, but clearly excluded from synapses. .
Tissue Specificity	Widespread in the brain but highest levels in the gray matter. Low levels in heart and kidney; not expressed in oligodendrocytes (white matter).
Function	function:Receptor for RTN4, OMG and MAG. Mediates axonal growth inhibition and may play a role in regulating axonal regeneration and plasticity in the adult central nervous system.,online information:Nerve regrowth: nipped by a no-go - Issue 69 of April 2006,similarity:Belongs to the Nogo receptor family., similarity:Contains 9 LRR (leucine-rich) repeats.,subunit:Homomultimer. Interacts with LINGO1.,tissue specificity:Widespread in the brain but highest levels in the gray matter. Low levels in heart and kidney not expressed in



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Background

This gene encodes the receptor for reticulon 4, oligodendrocyte myelin glycoprotein and myelin-associated glycoprotein. This receptor mediates axonal growth inhibition and may play a role in regulating axonal regeneration and plasticity in the adult central nervous system. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images