RTN4R Polyclonal Antibody

Catalog No	YP-Ab-07260
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	RTN4R NOGOR UNQ330/PRO526
Protein Name	Reticulon-4 receptor (Nogo receptor) (NgR) (Nogo-66 receptor)
Immunogen	Synthesized peptide derived from human protein . at AA range: 270-350
Specificity	RTN4R Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	52kD
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 oligodendrocytes (white matter).,
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