G-Biosciences Image not found or type unknown

Immunotag™ RTN4R Polyclonal Antibody

Antibody Specification

Catalog No.	ITN2401
Product Description	Immunotag™ RTN4R Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	RTN4R
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 270-350
Specificity	RTN4R Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	RTN4R NOGOR UNQ330/PRO526
Accession No.	Q9BZR6 Q99PI8 Q99M75
Description	reticulon 4 receptor(RTN4R) Homo sapiens 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],
Protein Expression	Brain,Lung,

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Subcellular Localization	cytoplasm,endoplasmic reticulum,plasma membrane,integral component of plasma membrane,cell surface,anchored component of membrane,neuron projection,neuronal cell body,axonal growth cone,extracellular exosome,
Protein 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).,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.