Datasheet for ABIN6147296

anti-RTN4R antibody (AA 244-473)

2 Images

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Overview

Quantity:	100 µL
Target:	RTN4R
Binding Specificity:	AA 244-473
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RTN4R antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 244-473 of human NOGO Receptor 1 (NOGO Receptor 1 (RTN4R)) (NP_075380.1).
Sequence:	EALAPLRALQ YLRLNDNPWV CDCRARPLWA WLQKFRGSSS EVPCSLPQRL AGRDLKRLAA NDLQGCAVAT GPYHPIWTGR ATDEEPLGLP KCCQPDAADK ASVLEPGRPA SAGNALKGRV PPGDSPPGNG SGPRHINDSP FGTLPGSAEP PLTAVRPEGS EPPGFPTSGP RRRPGCSRKN RTRSHCRLGQ AGSGGGGTGD SEGSGALPSL TCSLTPLGLA LVLWTVLGPC
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

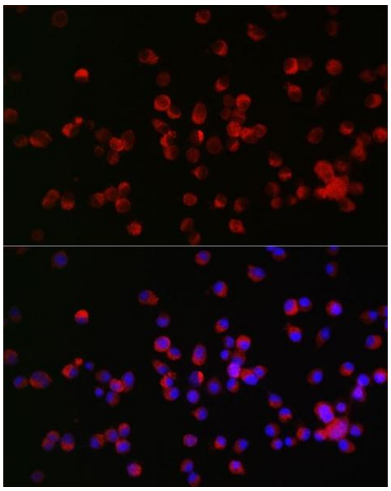
Target:	RTN4R
Alternative Name:	RTN4R (RTN4R Products)
Background:	This gene encodes the receptor for reticulon 4, oligodendrocyte myelin glycoprotein and myelin-associated glycoprotein. This receptor mediates axonal growth inhibition and may play a role in regulating axonal regeneration and plasticity in the adult central nervous system.,RTN4R,NGR,NOGOR,Neuroscience,Neurodegenerative Diseases,RTN4R
Molecular Weight:	50 kDa
Gene ID:	65078
UniProt:	Q9BZR6
Pathways:	Neurotrophin Signaling Pathway

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

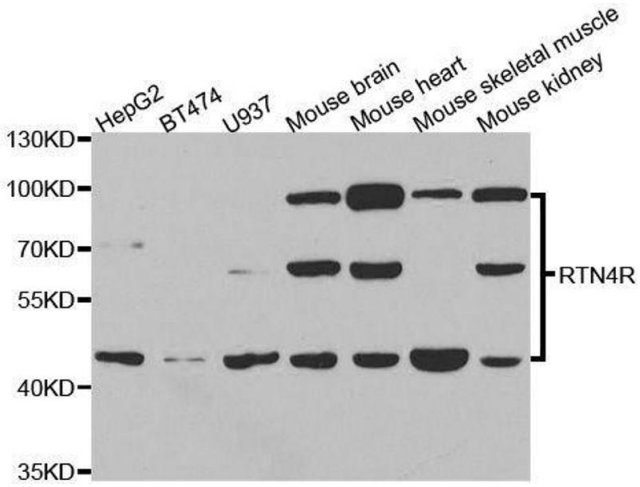
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of Neuro-2a cells using NOGO Receptor 1 (RTN4R) Rabbit pAb (ABIN6129725, ABIN6147296, ABIN6147297 and ABIN6221547) at dilution of 1:25 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using RTN4R antibody.

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