

# NOGO Receptor 1 (RTN4R) Rabbit pAb

Catalog No.: A5847 **1 Publications**

## Basic Information

### Observed MW

66kDa

### Calculated MW

51kDa

### Category

Primary antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human, Mouse, Rat

## 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.

## Recommended Dilutions

**WB** 1:100 - 1:500

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

65078

### Swiss Prot

Q9BZR6

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 244-473 of human NOGO Receptor 1 (RTN4R) (NP\_075380.1).

### Synonyms

NGR; NOGOR; NOGO Receptor 1 (RTN4R)

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

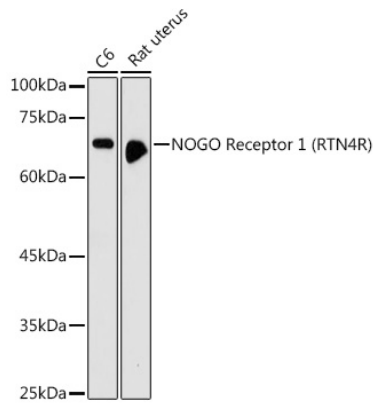
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of various lysates using NOGO Receptor 1 (RTN4R) Rabbit pAb (A5847) at 1:500 dilution.

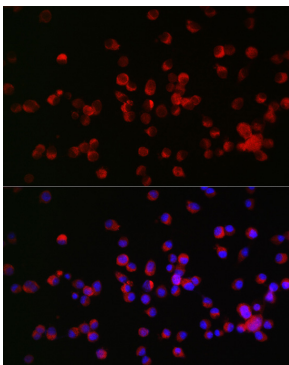
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.



Immunofluorescence analysis of Neuro-2a cells using NOGO Receptor 1 (RTN4R) Rabbit pAb (A5847) at dilution of 1:20 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.