

A5847

Leader in Biomolecular Solutions for Life Science



NOGO Receptor 1 (RTN4R) Rabbit pAb

Catalog No.: A5847

1 Publications

Basic Information

Observed MW

66kDa

Calculated MW

51kDa

Category

Polyclonal 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

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



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

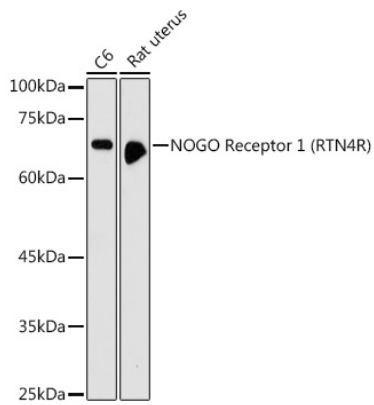
Affinity purification

Storage

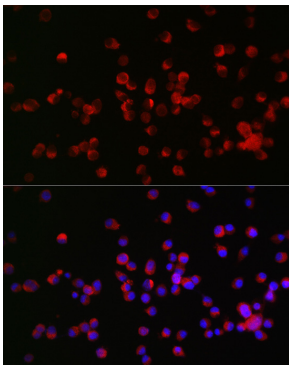
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using NOGO Receptor 1 (RTN4R) antibody (A5847) at 1:500 dilution.
Secondary antibody: HRP 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). Blue: DAPI for nuclear staining.