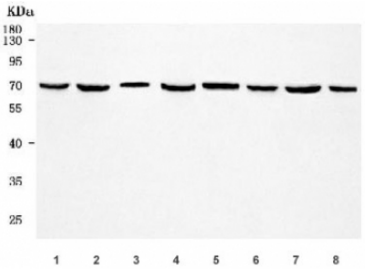
RTN4R Antibody / Reticulon-4 receptor / Nogo 66 receptor (RQ7883)

Catalog No.	Formulation	Size
RQ7883	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9BZR6
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This RTN4R antibody is available for research use only.



Western blot testing of 1) human U-2 OS, 2) 293T, 3) HaCaT, 4) MCF7, 5) rat brain, 6) rat liver, 7) mouse brain and 8) mouse liver tissue lysate with RTN4R antibody. Predicted molecular weight ~51 kDa but may be observed at higher molecular weights due to glycosylation.

Description

Reticulon 4 receptor (RTN4R) also known as Nogo-66 Receptor (NgR) or Nogo receptor 1 is a protein which in humans is encoded by the RTN4R gene. 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.

Application Notes

Optimal dilution of the RTN4R antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids P56-R416) was used as the immunogen for the RTN4R antibody.

Storage

After reconstitution, the RTN4R antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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