

Nogo 66 Receptor Antibody

RTN4R, reticulon 4 receptor, *HGNC:1860*, *NGR*, *NOGOR*, Nogo-66 receptor, *UNQ330/PRO526*, nogo receptor, reticulon 4 receptor precursor

CATALOG NO.: 45-975

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

Nogo 66 Receptor Antibody.

SOURCE:

Nogo 66 Receptor antibody was raised against a synthetic peptide of Nogo 66 Receptor.

PROTEIN ACCESSION NUMBER(S) :

NP_075380.1

SPECIES REACTIVITY:

Human, Mouse, Rat, Dog

TESTED APPLICATION:

WB, E

APPLICATION:

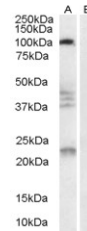
Peptide ELISA: antibody detection limit dilution 1:16,000.
Western Blot: experiments gave bands at approx 90-100kDa and 37+40+45kDa in Human brain lysate after 0.3µg/ml antibody staining. These bands were successfully blocked by the immunizing peptide and they correspond to earlier findings in the literature with different antibodies (Wang et al, J Neurosci. 2002 Jul 1;22(13):5505-15). This protein has a calculated MW of 50.7kDa according to NP_075380.1. Recommended concentration: 0.3-1µg/ml.

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of Nogo 66 Receptor in Human Brain lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide using Nogo 66 Receptor antibody (0.3µg/ml).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Shao Z, Browning JL, Lee X, Scott ML, Shulga-Morskaya S, Allaire N, Thill G, Levesque M, Sah D, McCoy JM, Murray B, Jung V, Pepinsky RB, Mi S. TAJ/TROY, an orphan TNF receptor family member, binds Nogo-66 receptor 1 and regulates axonal regeneration. *Neur*

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.