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Datasheet for ABIN725420
anti-RTN4R antibody (AA 151-350)

3 Images

Overview

Quantity:	100 µL
Target:	RTN4R
Binding Specificity:	AA 151-350
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RTN4R antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse Nogo Receptor
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	RTN4R
Alternative Name:	Nogo Receptor (RTN4R Products)

Target Details

Background: Synonyms: NgR, NgR1, NOGOR, Reticulon-4 receptor, Nogo receptor, Nogo-66 receptor, Rtn4r
Background: Receptor for RTN4, OMG and MAG. Mediates axonal growth inhibition and may play a role in regulating axonal regeneration and plasticity in the adult central nervous system (By similarity). Acts in conjunction with RTN4 and LIGO1 in regulating neuronal precursor cell motility during cortical development.

Gene ID: 65079

UniProt: [Q99PI8](#)

Pathways: [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

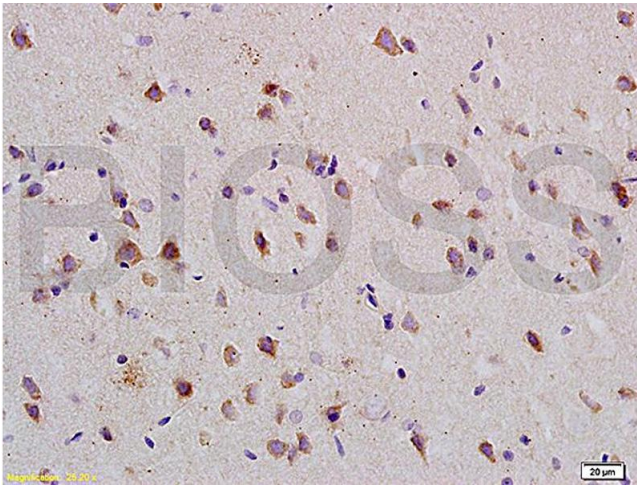
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

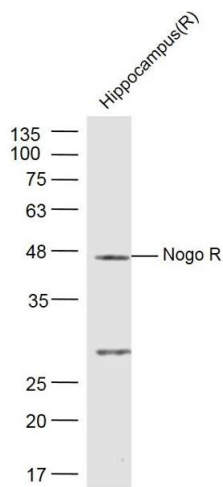
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



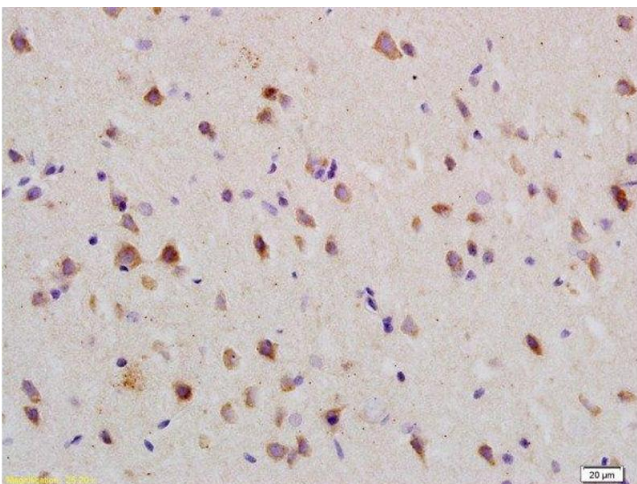
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded: rat brain tissue labeled with Anti-Nogo-R Polyclonal Antibody (ABIN725420), Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



Western Blotting

Image 2. Rat Hippocampus lysates probed with Nogo Receptor Polyclonal Antibody, Unconjugated at 1:500 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded: rat brain tissue labeled with Anti-Nogo-R Polyclonal Antibody , Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining