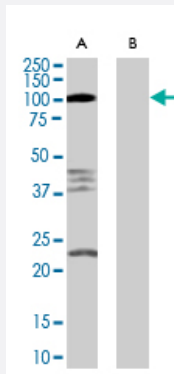


RTN4R polyclonal antibody

Catalog # PAB6793

Size 100 ug

Applications



Western Blot (Tissue lysate)

RTN4R polyclonal antibody (Cat # PAB6793) (0.3 ug/mL) staining of human brain lysate (35 ug protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of RTN4R.

Immunogen A synthetic peptide corresponding to human RTN4R.

Sequence C-LQALPDDTFRDLGN

Host Goat

Theoretical MW (kDa) 50.7

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:16000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — RTN4R

Entrez GeneID	65078
Protein Accession#	NP_075380.1
Gene Name	RTN4R
Gene Alias	NGR, NOGOR
Gene Description	reticulon 4 receptor
Omim ID	181500 605566
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	Nogo-66 receptor UNQ330/PRO526 nogo receptor

Publication Reference

- [TAJ/TROY, an orphan TNF receptor family member, binds Nogo-66 receptor 1 and regulates axonal regeneration.](#)

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.

Neuron 2005 Feb; 45(3):353.

Application: IP, IP-WB, Monkey, COS-7 cells

Disease

- [DiGeorge syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)