

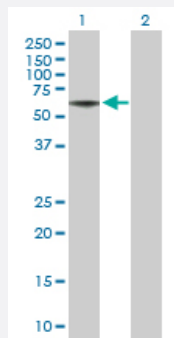
MaxPab®

RTN4R purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00065078-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RTN4R expression in transfected 293T cell line ([H00065078-T01](#)) by RTN4R MaxPab polyclonal antibody.

Lane 1: RTN4R transfected lysate(52.03 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human RTN4R protein.

Immunogen

RTN4R (NP_075380.1, 1 a.a. ~ 473 a.a) full-length human protein.

Sequence

MKRASAGGSRLAWVLWLQAWQVAAPCPGACVCYNEPKVTTSCPQQGLQAVPVGIPAASQRIF
LHGNRISHVPAASFRACRNLTLWLHSNVLARIDAAFTGLALLEQLDLSDNAQLRSVDPATFHGL
GRLHTLHLDRCGLQELGPGLFRGLAALQYLYLQDNALQALPDDTFRDLGNLTHLFLHGNNRISVPE
RAFRLHSLDRLLHQNRVAHVHPHAFRDLGRLMTLYLFANNLSALPTEALAPLRALQYLRNDNP
WVCDRCRARPLWAWLQKFRGSSSEVPCLPQRLAGRDLKRLAANDLQGCATGYPHPWTGR
ATDEEPLGLPKCCQPDAAADKASVLEPGRPASAGNALKGRVPPGDSPPNGSGPRHINDSPFGT
LPGSAEPPLTAVRPEGSEPPGFPTSGPRRRPGCSRKNRTRSHCRLGQAGSGGGGTGDSEGS
ALPSLTCSLTPLGLALVLWTVLGP

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (89); Rat (88)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — RTN4R

Entrez GeneID[65078](#)**GeneBank Accession#**[NM_023004.5](#)**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

Disease

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

- [Schizophrenia](#)