# Rabbit anti-Human RTN4RL1 Polyclonal Antibody | anti-RTN4RL1 antibody

RTN4RL1 Antibody (C-term)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA285867** | **Rabbit** | **Human** | **Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot** |

## PRODUCT SYNONYMS

RTN4RL1; Polyclonal Antibody; RTN4RL1 Antibody (C-term); Reticulon-4 receptor-like 1; Nogo receptor-like 2; Nogo-66 receptor homolog 2; Nogo-66 receptor-related protein 3; NgR3; RTN4RL1 HGNC:21329); anti-RTN4RL1 antibody

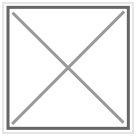
## PRODUCT SPECIFICATIONS

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| **Host** | Rabbit |
| **Reactivity** | Human |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit Ig |
| **Specificity** | This RTN4RL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 326-355 amino acids from the C-terminal region of human RTN4RL1. |
| **Purity/Purification** | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab) |
| **Form/Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Concentration** | Vial Concentration: 0.5 (varies by lot) |
| **Sequence Positions** | 326-355 |
| **Sequence Length** | 441 |
| **Applicable Applications for anti-RTN4RL1 antibody** | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot) |
| **Antigen Type** | Synthetic Peptide |
| **Antigen Source** | HUMAN |
| **Preparation and Storage** | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

## IMAGES

**FCM/FACS (Flow Cytometry)**
RTN4RL1 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

**IHC (Immunohiostchemistry)**
RTN4RL1 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RTN4RL1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**
Western blot analysis of RTN4RL1 Antibody (C-term) in K562 cell line lysates (35ug/lane).RTN4RL1 (arrow) was detected using the purified Pab.

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-RTN4RL1 antibody** | RTN4RL1 may play a role in regulating axonal regeneration and plasticity in the adult central nervous system. |
| **Product Categories/Family for anti-RTN4RL1 antibody** | Neuroscience |
| **References** | Lauren, J., et al. Mol. Cell. Neurosci. 24(3):581-594(2003) Barton, W.A., et al. EMBO J. 22(13):3291-3302(2003) Pignot, V., et al. J. Neurochem. 85(3):717-728(2003) |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 30425553 |
| **NCBI GeneID** | 146760 |
| **NCBI Accession #** | NP_848663.1 |
| **NCBI GenBank Nucleotide #** | NM_178568.3 |
| **UniProt Accession #** | Q86UN2; Q8ND46; A1A5E3 |
| **Molecular Weight** | 49065 |
| **NCBI Official Full Name** | reticulon-4 receptor-like 1 |
| **NCBI Official Synonym Full Names** | reticulon 4 receptor-like 1 |
| **NCBI Official Symbol** | RTN4RL1 |
| **NCBI Official Synonym Symbols** | NgR3; NGRH2 |
| **NCBI Protein Information** | reticulon-4 receptor-like 1 |
| **UniProt Protein Name** | Reticulon-4 receptor-like 1 |
| **UniProt Gene Name** | **RTN4RL1** |
| **UniProt Synonym Gene Names** | NgR3 |
| **UniProt Entry Name** | R4RL1_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/rtn4rl1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285867