

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

RTN4RL1 Antibody (C-term)

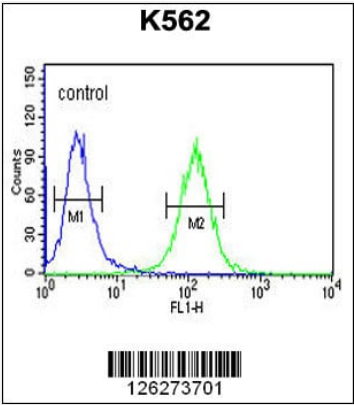
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285867	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

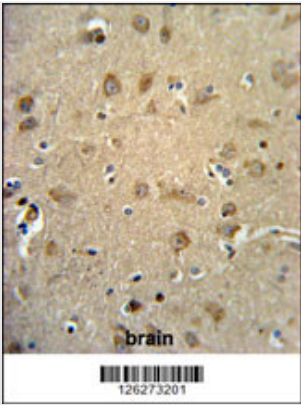
RTN4RL1; Polyclonal Antibody; RTN4RL1 Antibody (C-term); Reticulon-4 receptor-like 1; Nogo receptor-like 2; Nogo-66 receptor homolog 2; Nogo-66 receptor-related protein 3; NgR3; RTN4RL1 HGNC:21329; anti-RTN4RL1 antibody

PRODUCT SPECIFICATIONS

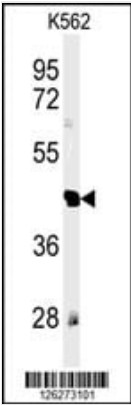
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RTN4RL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 326-355 amino acids from the C-terminal region of human RTN4RL1.
Purity/Purification	Peptide Affinity Purified Rabbit 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.



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 (Immunohistochemistry)
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

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

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://www.aaabiotech.com/polyclonal/rtn4rl1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285867>