

Rabbit anti-Human, mouse RTN1 Polyclonal Antibody | anti-RTN1 antibody

RTN1 Antibody (N-term)

CATALOG # AAA283663	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

RTN1; Polyclonal Antibody; RTN1 Antibody (N-term); Reticulon-1; Neuroendocrine-specific protein; NSP; anti-RTN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RTN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 198-227 amino acids from the N-terminal region of human RTN1.
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.
Sequence Positions	198-227
Sequence Length	776
Applicable Applications for anti-RTN1 antibody	ELISA, WB (Western Blot)
Function	May be involved in neuroendocrine secretion or in membrane trafficking in neuroendocrine cells.
Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein
Tissue Location	Expressed in neural and neuroendocrine tissues and cell cultures derived therefrom. Expression of isoform RTN1-C is strongly correlated with neuronal differentiation
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

RTN1 Antibody (N-term) western blot analysis in mouse testis tissue lysates (35ug/lane). This demonstrates the RTN1 antibody detected the RTN1 protein (arrow).


WB (Western Blot)

RTN1 Antibody (N-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the RTN1 antibody detected the RTN1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RTN1 antibody	This gene belongs to the family of reticulon encoding genes. Reticulons are associated with the endoplasmic reticulum, and are involved in neuroendocrine secretion or in membrane trafficking in neuroendocrine cells. Alternatively spliced transcript variants encoding different isoforms have been identified. Multiple promoters rather than alternative splicing of internal exons seem to be involved in this diversity. [provided by RefSeq].
Product Categories/Family for anti-RTN1 antibody	Neuroscience
References	Rose, J. Phd, et al. Mol. Med. (2010) In press : Fazi, B., et al. Oncogene 28(43):3814-3824(2009) Melino, S., et al. Biochemistry 48(2):242-253(2009) Di Sano, F., et al. J. Neurochem. 102(2):345-353(2007) Iwahashi, J., et al. Biochem. Biophys. Res. Commun. 355(2):508-512(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863935
NCBI GeneID	6252
NCBI Accession #	NP_066959.1; NP_996734.1
NCBI GenBank Nucleotide #	NM_021136.2
UniProt Accession #	Q16799; Q16800; Q16801; Q5BKZ4; Q9BQ59
NCBI Official Full Name	reticulon-1 isoform A
NCBI Official Synonym Full Names	reticulon 1
NCBI Official Symbol	RTN1
NCBI Official Synonym Symbols	NSP
NCBI Protein Information	reticulon-1
UniProt Protein Name	Reticulon-1
UniProt Gene Name	RTN1
UniProt Synonym Gene Names	NSP
UniProt Entry Name	RTN1_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.