



Rabbit Anti-Reticulon 1 antibody

SL11798R

Product Name:	Reticulon 1
Chinese Name:	神经内分泌特异性蛋白抗体
Alias:	MGC133250; Neuroendocrine specific protein; NSP; Reticulon 1; Reticulon1; Reticulon1A; RTN 1; RTN1; RTN1 protein; RTN1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	84kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Reticulon 1:301-400/776
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. This gene is considered to be a specific marker for neurological diseases and cancer, and is a potential molecular target for therapy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2011]

Function:

May be involved in neuroendocrine secretion or in membrane trafficking in neuroendocrine cells.

Subunit:

Interacts with NDRG1.

Subcellular Location:

Endoplasmic reticulum membrane; Multi-pass membrane protein.

Tissue Specificity:

Expressed in neural and neuroendocrine tissues and cell cultures derived therefrom. Expression of isoform RTN1-C is strongly correlated with neuronal differentiation.

Post-translational modifications:

Isoforms RTN1-A and RTN1-B are phosphorylated.

Similarity:

Contains 1 reticulon domain.

SWISS:

Q16799

Gene ID:

6252

Database links:

[Entrez Gene: 6252](#) Human

[Entrez Gene: 116644](#) Rat

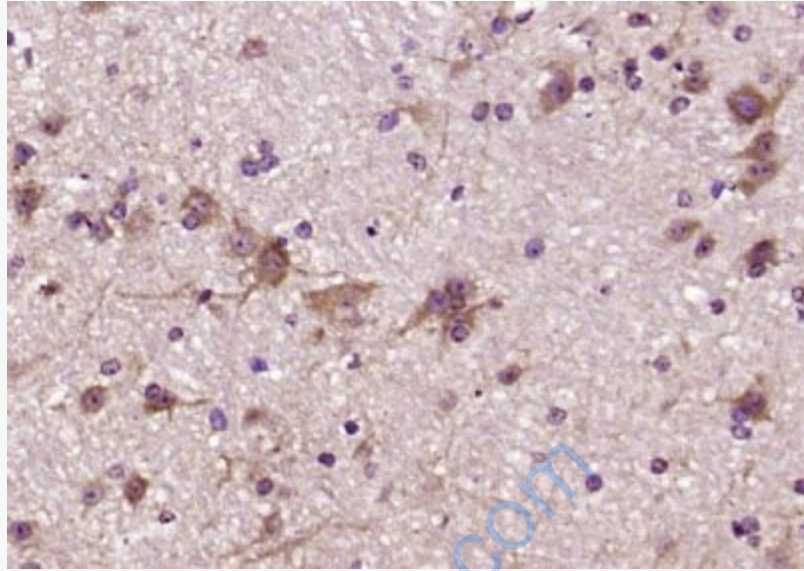
[Oimim: 600865](#) Human

[SwissProt: Q16799](#) Human

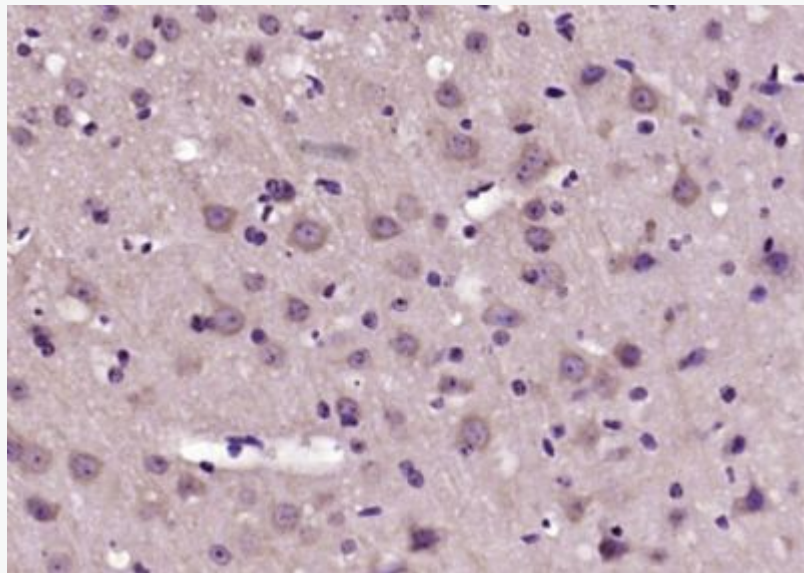
[SwissProt: Q64548](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

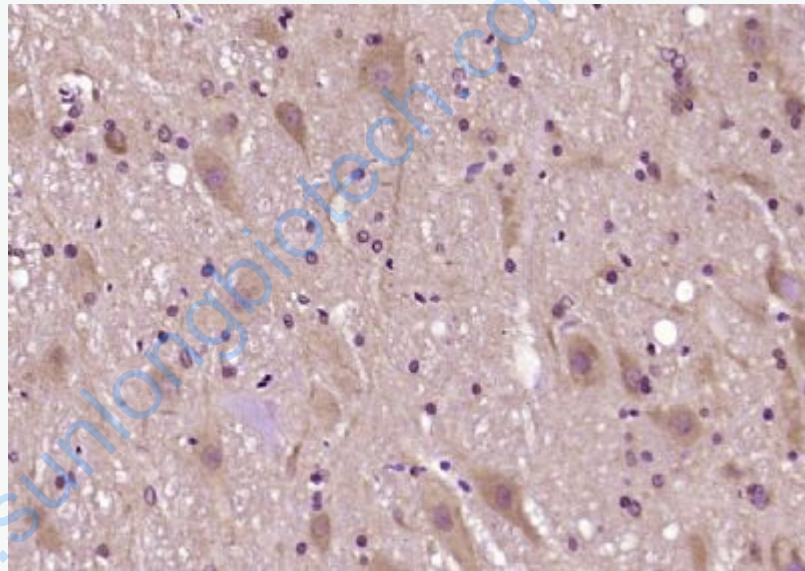


Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Reticulon 1) Polyclonal Antibody, Unconjugated (SL11798R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Picture:

Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Reticulon 1) Polyclonal Antibody, Unconjugated (SL11798R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Reticulon 1) Polyclonal Antibody, Unconjugated (SL11798R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.