

Product datasheet for **TA381185S**

Nogo A (RTN4) Rabbit Polyclonal Antibody

Product data:

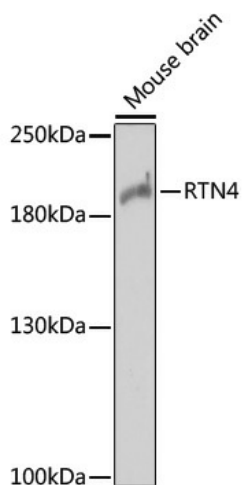
Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:500 - 1:2000 IF,1:50 - 1:200
Reactivity:	Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human RTN4.
Formulation:	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	22kDa/40kDa/42kDa/106kDa/108kDa/129kDa
Gene Name:	reticulon 4
Database Link:	Q9NQC3
Background:	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. The product of this gene is a potent neurite outgrowth inhibitor which may also help block the regeneration of the central nervous system in higher vertebrates. Alternatively spliced transcript variants derived both from differential splicing and differential promoter usage and encoding different isoforms have been identified.



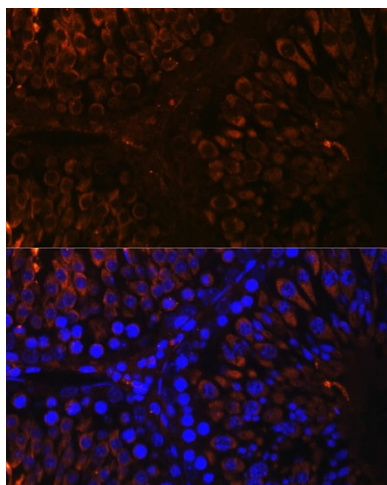
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Synonyms:

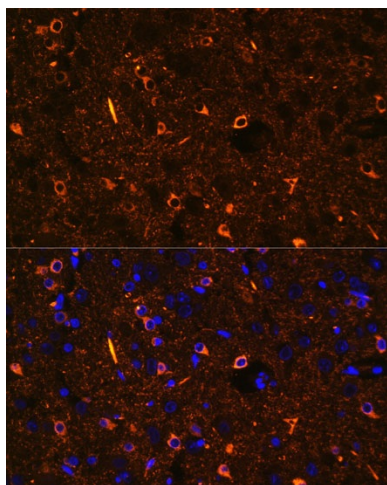
ASY; foocen; KIAA0886; Nbla00271; Nbla10545; NI220/250; NOGO; NOGO-A; Nogo-B; Nogo-C; NOGOC; NSP; NSP-CL; OTTHUMP00000201714; OTTHUMP00000201801; OTTHUMP00000201803; Reticulon-5; RTN-X; RTN4-A; RTN4-B1; RTN4-B2; RTN4-C

Product images:


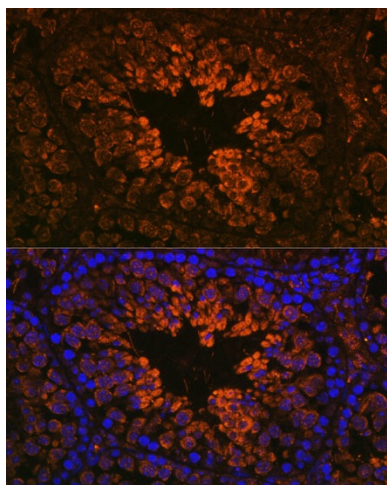
Western blot analysis of extracts of mouse brain, using RTN4 antibody ([TA381185]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit . | Exposure time: 5min.



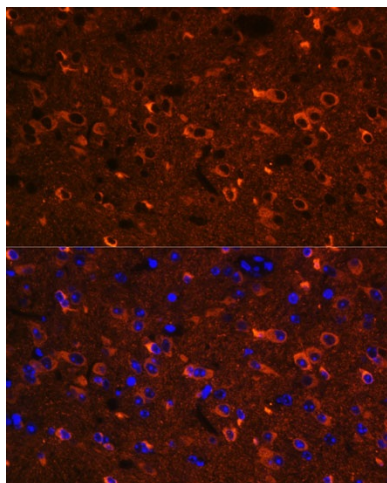
Immunofluorescence analysis of rat testis using RTN4 antibody ([TA381185]) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat brain using RTN4 antibody ([TA381185]) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse testis using RTN4 antibody ([TA381185]) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse brain using RTN4 antibody ([TA381185]) at dilution of 1:100. Blue: DAPI for nuclear staining.