

## Product datasheet for **TA321796**

### Nogo A (RTN4) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 1179-1192 amino acids of Human reticulon 4
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	reticulon 4
Database Link:	<a href="#">NP_008939</a> <a href="#">Entrez Gene 68585 Mouse</a> <a href="#">Entrez Gene 83765 Rat</a> <a href="#">Entrez Gene 57142 Human</a> <a href="#">Q9NQC3</a>

**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.

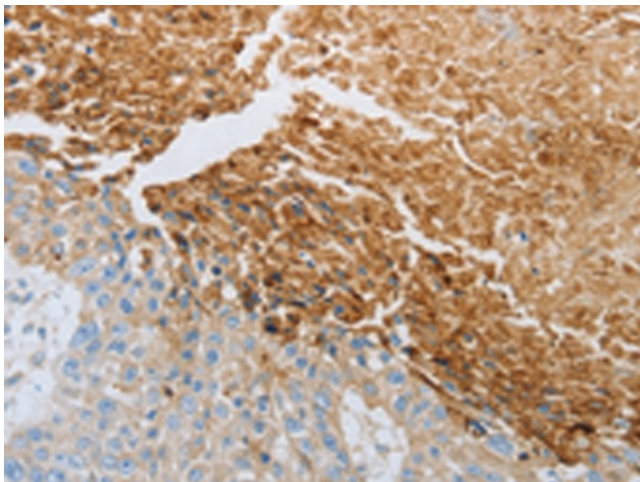


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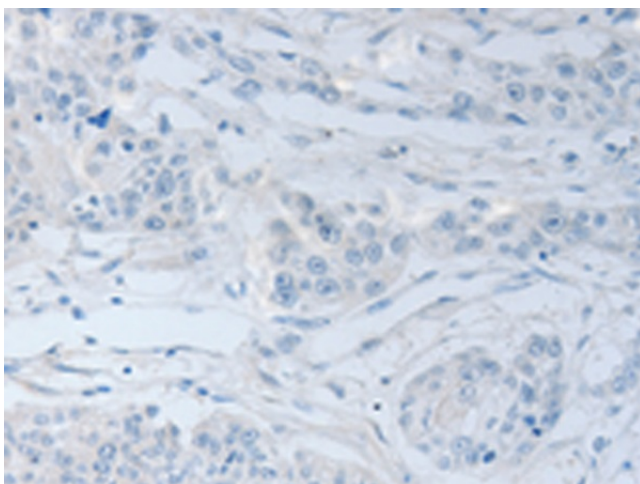
**Synonyms:** 250; ASY; Nbla00271; Nbla10545; NI220; NOGO; NOGO-A; Nogo-B; Nogo-C; NOGOC; NSP; NSP-CL; RTN-X; RTN4-A

**Protein Families:** Transmembrane

**Product images:**



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321796 (RTN4 Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321796 (RTN4 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification:  $\times 200$ )