

Product datasheet for **TA332956S**

Nogo Receptor (RTN4R) Rabbit Polyclonal Antibody

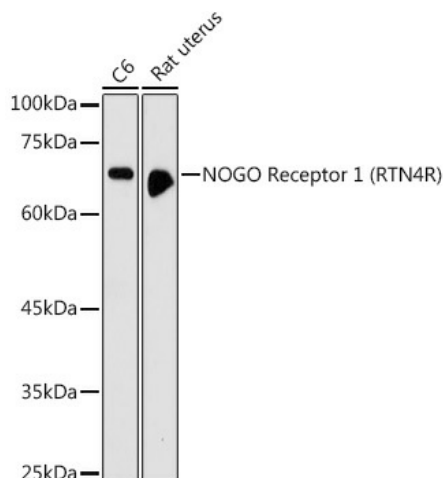
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | ELISA, ICC/IF, WB |
| Recommended Dilution: | WB, 1:100 - 1:500 IF/ICC, 1:50 - 1:200 ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| 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: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 51kDa |
| Gene Name: | reticulon 4 receptor |
| Database Link: | NP_075380 Entrez Gene 65079 Mouse Entrez Gene 113912 Rat Entrez Gene 65078 Human Q9BZR6 |
| Background: | This gene encodes the receptor for reticulon 4, oligodendrocyte myelin glycoprotein and myelin-associated glycoprotein. This receptor mediates axonal growth inhibition and may play a role in regulating axonal regeneration and plasticity in the adult central nervous system. |
| Synonyms: | NGR; NOGOR |
| Protein Families: | Druggable Genome |

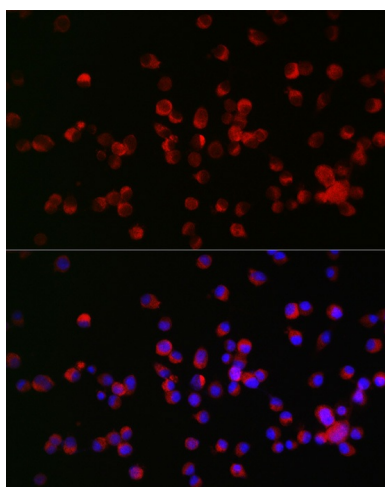


[View online »](#)

Product images:



Western blot analysis of various lysates using Nogo Receptor 1 (RTN4R) Rabbit pAb ([TA332956]) at 1:500 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 180s.



Immunofluorescence analysis of Neuro-2a cells using Nogo Receptor 1 (RTN4R) Rabbit pAb ([TA332956]) at dilution of 1:20 (40x lens).
 Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.