

## Product datasheet for **AP23125PU-N**

### Nogo A (RTN4) (501-515) Goat Polyclonal Antibody

#### Product data:

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:         | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Applications:         | IHC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Recommended Dilution: | <b>Immunohistochemistry on Paraffin Sections:</b> 2.5 µg/ml.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reactivity:           | Human, Monkey                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Host:                 | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Clonality:            | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Immunogen:            | Synthetic peptide from an internal region of human RTN4 / Nogo (NP_065393.1; NP_997404.1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity:          | This antibody detects Reticulon-4 / RTN4 (Internal).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Formulation:          | Tris saline, pH 7.3 containing 0.02% sodium azide as preservative 0.5% BSA as stabilizer<br>State: Aff - Purified<br>State: Liquid purified Ig fraction                                                                                                                                                                                                                                                                                                                                                                                                          |
| Concentration:        | lot specific                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purification:         | Immunoaffinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Conjugation:          | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Storage:              | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Stability:            | Shelf life: one year from despatch.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Name:            | reticulon 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Database Link:        | <a href="#">Entrez Gene 57142 Human 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. |

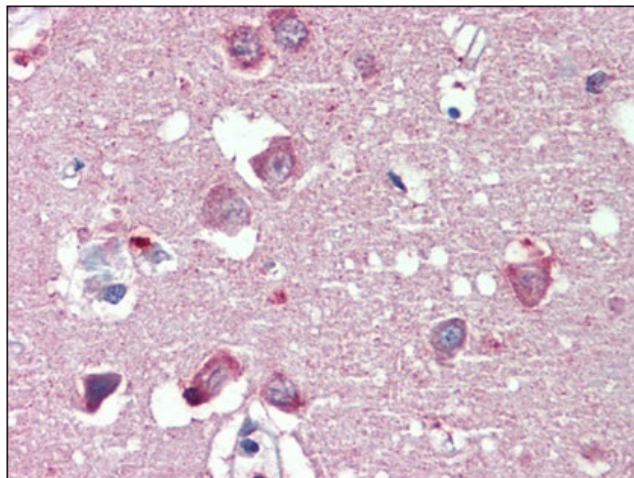


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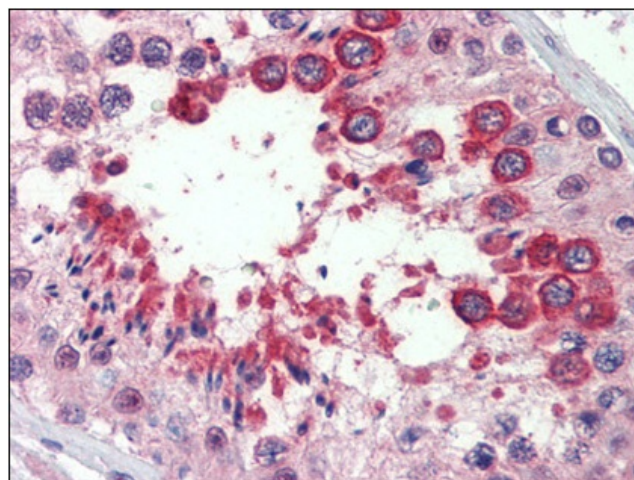
**Synonyms:** Foccen, Neurite outgrowth inhibitor, NOGO, Neuroendocrine-specific protein, NSP, Reticulon-5, KIAA0886

**Protein Families:** Transmembrane

**Product images:**



Brain, cortex, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)



Testis, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)