

Datasheet for ABIN2804732

**anti-RTN4R antibody (AA 151-350) (AbBy Fluor® 594)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | RTN4R                                                                                                                          |
| Binding Specificity: | AA 151-350                                                                                                                     |
| Reactivity:          | Mouse, Rat                                                                                                                     |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This RTN4R antibody is conjugated to AbBy Fluor® 594                                                                           |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from mouse Nogo Receptor |
| Isotype:          | IgG                                                               |
| Cross-Reactivity: | Mouse, Rat                                                        |
| Purification:     | Purified by Protein A.                                            |

## Target Details

|                   |                                                                                          |
|-------------------|------------------------------------------------------------------------------------------|
| Target:           | RTN4R                                                                                    |
| Alternative Name: | Nogo Receptor ( <a href="#">RTN4R Products</a> )                                         |
| Background:       | Synonyms: NgR, NgR1, NOGOR, Reticulon-4 receptor, Nogo receptor, Nogo-66 receptor, Rtn4r |

## Target Details

Background: Receptor for RTN4, OMG and MAG. Mediates axonal growth inhibition and may play a role in regulating axonal regeneration and plasticity in the adult central nervous system (By similarity). Acts in conjunction with RTN4 and LIGO1 in regulating neuronal precursor cell motility during cortical development.

|           |                                                |
|-----------|------------------------------------------------|
| Gene ID:  | 65079                                          |
| UniProt:  | <a href="#">Q99PI8</a>                         |
| Pathways: | <a href="#">Neurotrophin Signaling Pathway</a> |

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |