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Datasheet for ABIN913629
# anti-RIN1 antibody (AA 201-300) (Alexa Fluor 647)

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## Overview

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|---|---|
| Quantity: | 100 μL |
| Target: | RIN1 |
| Binding Specificity: | AA 201-300 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RIN1 antibody is conjugated to Alexa Fluor 647 |
| Application: | Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

## Product Details

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|---|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human RIN1 |
| Isotype: | IgG |
| Cross-Reactivity: | Rat |
| Predicted Reactivity: | Human,Mouse,Cow,Pig |
| Purification: | Purified by Protein A. |

## Target Details

| | |
|---|---|
| Target: | RIN1 |
| Alternative Name: | RIN1 (RIN1 Products) |

## Target Details

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|---|---|
| Background: | Synonyms: Ras and Rab interactor 1, ras inhibitor 1, ras inhibitor, RIN1_HUMAN, Ras inhibitor JC99, ras inhibitor RIN1, Ras interaction/interference protein 1, RIN 1.<br><br>Background: RIN1 is a Ras effector protein which can affect Ras signaling in a variety of ways. It enhances signaling from ABL1 and ABL2 whcih are involved in regulation of cytoskeletal remodeling. It may function as a guanine nucleotide exchange factor in activation of Rab5a. Rin1 also competes with RAF1 for binding of the activated form of Ras. It may play a role inhibiting the modulation of neuronal plasticity in formation of aversive memory, and has been implicated as a tumor supressor gene in breast cancer. |
| Gene ID: | 9610 |

## Application Details

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|---|---|
| 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

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|---|---|
| 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 |