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Datasheet for ABIN762346
anti-RIN1 antibody (AA 201-300) (Cy5.5)

Overview

Quantity:	100 µL
Target:	RIN1
Binding Specificity:	AA 201-300
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIN1 antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

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

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.

Background: RIN1 is a Ras effector protein which can affect Ras signaling in a variety of ways. It enhances signaling from ABL1 and ABL2 which 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 suppressor gene in breast cancer.

Gene ID: 9610

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
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