

**HUMAN-RIN1(Y36) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP20829a****Specification**

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**HUMAN-RIN1(Y36) Blocking Peptide - Product Information**Primary Accession [Q13671](#)**HUMAN-RIN1(Y36) Blocking Peptide - Additional Information****Gene ID** 9610**Other Names**

Ras and Rab interactor 1, Ras inhibitor JC99, Ras interaction/interference protein 1, RIN1

**Target/Specificity**

The synthetic peptide sequence is selected from aa 20-50 of HUMAN RIN1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**HUMAN-RIN1(Y36) Blocking Peptide - Protein Information****Name** RIN1**Function**

Ras effector protein, which may serve as an inhibitory modulator of neuronal plasticity in aversive memory formation. Can affect Ras signaling at different levels. First, by competing with RAF1 protein for binding to activated Ras. Second, by enhancing signaling from ABL1 and ABL2, which regulate cytoskeletal remodeling. Third, by activating RAB5A, possibly by functioning as a guanine nucleotide exchange factor (GEF) for RAB5A, by exchanging bound GDP for free GTP, and facilitating Ras-activated receptor endocytosis.

**Cellular Location**

Cytoplasm. Membrane. Cytoplasm, cytoskeleton. Note=Some amount is membrane-associated

**Tissue Location**

Expressed in all tissues examined with high levels in brain, placenta and pancreas.

## **HUMAN-RIN1(Y36) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

## **HUMAN-RIN1(Y36) Blocking Peptide - Images**

## **HUMAN-RIN1(Y36) Blocking Peptide - Background**

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## **HUMAN-RIN1(Y36) Blocking Peptide - References**

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