

**RIT2 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16551a**

**Specification**

**RIT2 Antibody (N-term) - Product Information**

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| Application       | WB,E                                                                             |
| Primary Accession | <a href="#">Q99578</a>                                                           |
| Other Accession   | <a href="#">Q5BJQ5</a> , <a href="#">P70425</a> ,<br><a href="#">NP_002921.1</a> |
| Reactivity        | Human                                                                            |
| Predicted         | Mouse, Rat                                                                       |
| Host              | Rabbit                                                                           |
| Clonality         | Polyclonal                                                                       |
| Isotype           | Rabbit Ig                                                                        |
| Antigen Region    | 41-69                                                                            |

**RIT2 Antibody (N-term) - Additional Information**

**Gene ID** 6014

**Other Names**

GTP-binding protein Rit2, Ras-like protein expressed in neurons, Ras-like without CAAX protein 2, RIT2, RIN, ROC2

**Target/Specificity**

This RIT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 41-69 amino acids from the N-terminal region of human RIT2.

**Dilution**

WB~~1:1000

**Format**

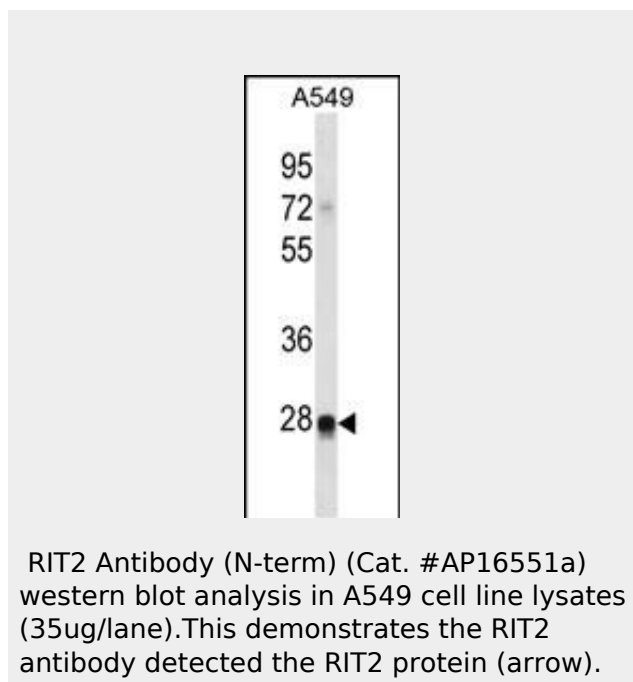
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

RIT2 Antibody (N-term) is for research use



**RIT2 Antibody (N-term) - Background**

RIN belongs to the RAS (HRAS; MIM 190020) superfamily of small GTPases (Shao et al., 1999 [PubMed 10545207]).[supplied by OMIM].

**RIT2 Antibody (N-term) - References**

- Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
- Glessner, J.T., et al. Proc. Natl. Acad. Sci. U.S.A. 107(23):10584-10589(2010)
- Need, A.C., et al. Hum. Mol. Genet. 18(23):4650-4661(2009)
- Sonuga-Barke, E.J., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (8), 1359-1368 (2008) :
- Wu, C., et al. Proteomics 7(11):1775-1785(2007)

only and not for use in diagnostic or therapeutic procedures.

#### **RIT2 Antibody (N-term) - Protein Information**

**Name** RIT2

**Synonyms** RIN, ROC2

#### **Function**

Binds and exchanges GTP and GDP. Binds and modulates the activation of POU4F1 as gene expression regulator.

#### **Cellular Location**

Nucleus. Cell membrane. Note=Colocalizes with PLXNB3 at the plasma membrane (PubMed:16122393).

#### **Tissue Location**

Neuron-specific.

#### **RIT2 Antibody (N-term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)