

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

Specification

RIT2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q99578
Other Accession	Q5BJQ5 , P70425 , NP_002921.1
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

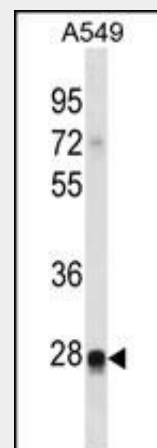
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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) (Cat. #AP16551a) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the RIT2 antibody detected the RIT2 protein (arrow).

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](#)