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RIT2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16551a

Product Information

Application	WB, E
Primary Accession	Q99578
Other Accession	Q5BJQ5, P70425, NP_002921.1
Reactivity	Human
Predicted	Mouse, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36123
Calculated MW	24668
Antigen Region	41-69

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 E~~Use at an assay dependent concentration.
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 only and not for use in diagnostic or therapeutic procedures.

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.

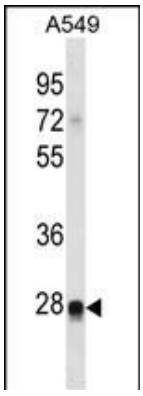
Background

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

References

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Images



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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.