

RIT1 Polyclonal Antibody

Catalog NumberAHO0402

Product data sheet

Details		Species Reactivity	
Size	500 µg	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Published species	Not Applicable
Class	Polyclonal	Tested Applications	
Type	Antibody	Immunoprecipitation (IP)	Dilution *
Immunogen	A synthetic peptide corresponding to amino acid residues 97-108 (Cys-PLDNREWEFQKYGH) at the N-terminus of human ROC1 coupled to KLH.	Western Blot (WB)	Assay-dependent
		Assay-dependent	
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Storage Conditions	-20°C		

Background/Target Information

Rit and its neuron-specific homologue, Rin, define a recently discovered subfamily of Ras-related GTPases. Rit and Rin are membrane-associated in spite of the fact that they lack a CAAX box or similar C-terminal lipidation motif. Rit and Rin display 64% amino acid sequence identity and share a unique nine amino acid effector domain (DPTIEDAYK) that is 100% conserved between the murine and human proteins. Although the effector domain sequences of Rit and Rin are very similar to that of Ras, Rit and Rin have been shown to interact with the known Ras-binding proteins RalGDS, Rlf and AF-6, but not the Raf kinases, RIN1 or the p110 subunit of PI3 kinase. For this reason, it has been suggested that Rit and Rin may play important roles in the regulation of signaling pathways distinct from those controlled by Ras.

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Product Images For RIT1 Polyclonal Antibody

RIT1 Antibody (AHO0402) in WB

Proteins from CTLL cell extracts were reduced and resolved by SDS PAGE and then transferred to PVDF. Membranes were incubated with the anti-ROC-1 antibody.



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