

RASA1 Polyclonal Antibody

Cat No: HR1AP11910

For research use only

Overview

Product Name	RASA1 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	H,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	115kDa
GeneID?Human?	RASA1 RASA
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>RAS p21 protein activator 1(RASA1) Homo sapiens The protein encoded by this gene is located in the cytoplasm and is part of the GAP1 family of GTPase-activating proteins. The gene product stimulates the GTPase activity of normal RAS p21 but not its oncogenic counterpart. Acting as a suppressor of RAS function, the protein enhances the weak intrinsic GTPase activity of RAS proteins resulting in the inactive GDP-bound form of RAS, thereby allowing control of cellular proliferation and differentiation. Mutations leading to changes in the binding sites of either protein are associated with basal cell carcinomas. Mutations also have been associated with hereditary capillary malformations (CM) with or without arteriovenous malformations (AVM) and Parkes Weber syndrome. Alternative splicing results in two isoforms where the shorter isoform, lacking the N-terminal hydrophobic region but retaining the same activity, appears to be abundantly expres</p>