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Datasheet for ABIN391841 anti-RASGRF1 antibody (AA 907-936)

2 Images



Overview

Quantity:	400 µL
Target:	RASGRF1
Binding Specificity:	AA 907-936
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RASGRF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This RASGRF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 907-936 amino acids from human RASGRF1.
Clone:	RB14017
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	RASGRF1
Alternative Name:	RASGRF1 (RASGRF1 Products)
Background:	RASGRF1 is a guanine nucleotide exchange factor (GEF) similar to the Saccharomyces

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Target Details

	cerevisiae CDC25 gene product. Functional analysis has demonstrated that this protein
	stimulates the dissociation of GDP from RAS protein. Studies of the similar gene in mouse
	suggested that the Ras-GEF activity of this protein in brain can be activated by Ca2+ influx,
	muscarinic receptors, and G protein beta-gamma subunit. Mouse studies also indicated that
	the Ras-GEF signaling pathway mediated by this protein may be important for long-term
	memory.
Molecular Weight:	145234
Gene ID:	5923
NCBI Accession:	NP_722522
UniProt:	Q13972
Pathways:	RTK Signaling, Cell Division Cycle, M Phase
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-20 °C

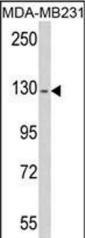
Storage Comment:Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in smallaliquots to prevent freeze-thaw cycles.

Expiry Date:

6 months

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with RASGRF1 Antibody (ABIN391841 and ABIN2841679), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of RASGRF1 antibody (ABIN391841 and ABIN2841679) in MDA-M cell line lysates (35 µg/lane). RASGRF1 (arrow) was detected using the purified Pab.

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