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Datasheet for ABIN713201 anti-RASGRF1 antibody (pSer929)



Overview

Quantity:	100 µL
Target:	RASGRF1
Binding Specificity:	pSer929
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RASGRF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human RasGRF1 around the phosphorylation site of Ser929
lsotype:	lgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Sheep,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:

RASGRF1

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Target Details	
Alternative Name:	RASGRF1 (RASGRF1 Products)
Background:	Synonyms: RASGRF1phospho S929, RASGRF1phospho Ser929, p-RASGRF1S929, p-
	RASGRF1Ser929, CDC25, CDC25L, GNRP, GRF1, GRF55, Guanine nucleotide exchange factor,
	Guanine nucleotide releasing factor 55 kD, Guanine nucleotide releasing protein, HGRF55,
	PP13187, Ras protein specic guanine nucleotide releasing factor 1, Ras specic guanine
	nucleotide releasing factor, Ras specic guanine nucleotide releasing factor CDC25 homolog,
	Ras specic nucleotide exchange factor CDC25.
	Background: The protein encoded by this gene is a guanine nucleotide exchange factor (GEF)
	similar to the Saccharomyces cerevisiae CDC25 gene product. Functional analysis has
	demonstrated that this protein stimulates the dissociation of GDP from RAS protein. The
	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. Alternatively spliced transcript variants encoding distinct
	isoforms have been reported. [provided by RefSeq, Mar 2009]
Gene ID:	5923
Pathways:	RTK Signaling, Cell Division Cycle, M Phase
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months