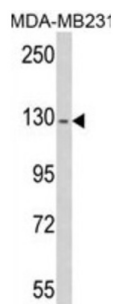
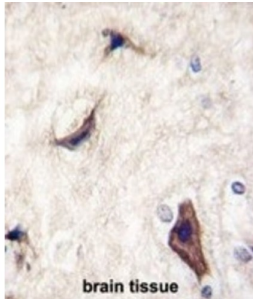


Ras-Specific Guanine Nucleotide-Releasing Factor 1 (RASGRF1) Antibody

Catalogue No.: abx033491



RASGRF1 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. Studies of the similar gene in mouse suggested that the Ras-GEF activity of this protein in brain can be activated by Ca^{2+} 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.

Target:	Ras-Specific Guanine Nucleotide-Releasing Factor 1 (RASGRF1)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, IHC-P: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 907-936 amino acids from human RASGRF1.
Isotype:	IgG

Datasheet

Version: 4.0.0

Revision date: 28 Aug 2025



Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q13972 (UniProt , ExPASy)
Gene Symbol:	RASGRF1
GeneID:	5923
OMIM:	606600
HGNC:	9875
KEGG:	hsa:5923
Ensembl:	ENSG00000058335
String:	9606.ENSP00000405963
Molecular Weight:	Calculated MW: 145 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.