

Rabbit anti-Human RASGRF1 Polyclonal Antibody | anti-RASGRF1 antibody

RASGRF1 Antibody (S929)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288085	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

RASGRF1; Polyclonal Antibody; RASGRF1 Antibody (S929); Ras-specific guanine nucleotide-releasing factor 1; Ras-GRF1; Guanine nucleotide-releasing protein; GNRP; Ras-specific nucleotide exchange factor CDC25; CDC25; GRF1; anti-RASGRF1 antibody

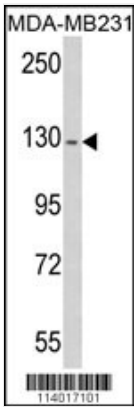
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RASGRF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 907-936 amino acids from human RASGRF1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.39 (varies by lot)
Sequence Positions	907-936
Sequence Length	489
Applicable Applications for anti-RASGRF1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with RASGRF1 Antibody (S929) , 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.



WB (Western Blot)
Western blot analysis of RASGRF1 antibody (S929) in MDA-MB231 cell line lysates (35ug/lane). RASGRF1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RASGRF1 antibody	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 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.
Product Categories/Family for anti-RASGRF1 antibody	Signal Transduction
References	Iguchi,T., Int. J. Oncol. 31 (2), 285-291 (2007) Holmes,R., Mol. Cell. Biol. 26 (24), 9564-9570 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24797101
NCBI GeneID	5923
NCBI Accession #	NP_722522.1
NCBI GenBank Nucleotide #	NM_153815.2
UniProt Accession #	Q13972; Q16027; F8VPA5; H0YKF2; J3KQP9
Molecular Weight	145234
NCBI Official Full Name	ras-specific guanine nucleotide-releasing factor 1 isoform 2
NCBI Official Synonym Full Names	Ras protein-specific guanine nucleotide-releasing factor 1
NCBI Official Symbol	RASGRF1
NCBI Official Synonym Symbols	GNRP; GRF1; CDC25; GRF55; CDC25L; H-GRF55; PP13187; ras-GRF1
NCBI Protein Information	ras-specific guanine nucleotide-releasing factor 1
UniProt Protein Name	Ras-specific guanine nucleotide-releasing factor 1
UniProt Gene Name	RASGRF1
UniProt Synonym Gene Names	CDC25; GNRP; GRF1; Ras-GRF1; GNRP
UniProt Entry Name	RGRF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rasgrf1-antibody-immunohistochemistry-western-blot-elisa/288085>