

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

Phospho-RASGRF1 (S929) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290977	Rabbit	Human	Dot Blot, Western Blot

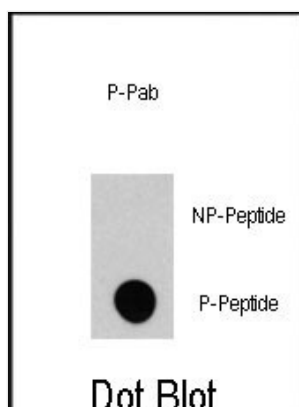
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

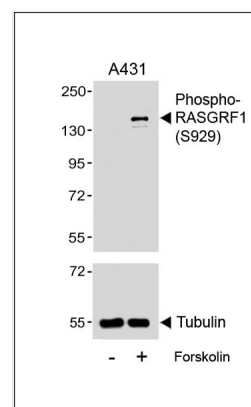
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Number	RB14017
Specificity	This RASGRF1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S929 of human RASGRF1.
Form/Format	Purified polyclonal 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.
Applicable Applications for anti-RASGRF1 antibody	DB (Dot Blot), WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



DB (Dot Blot)

Dot blot analysis of anti-RASGRF1-pS929 Pab (RB14017) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.



WB (Western Blot)

Western blot analysis of lysates from A431 cell line, untreated or treated with Forskolin(50uM, 30min), using Phospho-RASGRF1(S929) Antibody(upper) or Tubulin (lower).

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	Primary Antibodies; Antibody Collections; Signal Transduction; Phospho Antibodies
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/phospho-rasgrf1-antibody-clone-rb14017-dot-blot-western-blot-elisa/290977>