

Rabbit RASGRF1 Polyclonal Antibody | anti-RASGRF1 antibody

RASGRF1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200609	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

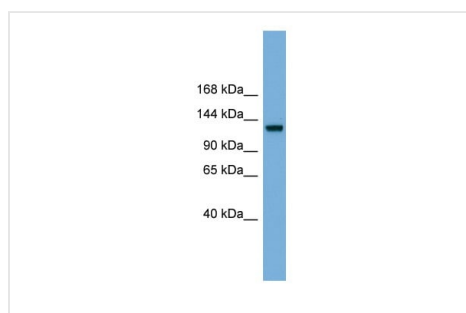
PRODUCT SYNONYMS

RASGRF1; Polyclonal Antibody; RASGRF1 antibody - middle region; anti-RASGRF1 antibody

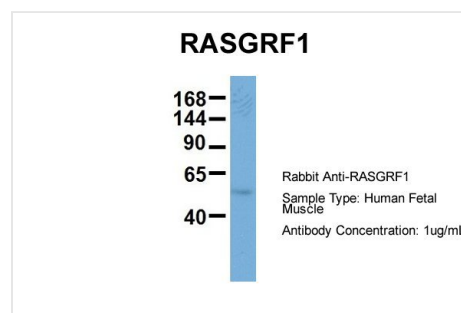
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PM SEKGKITRGR LGSLSLKKEG ERQCFLFSKH LIICTRGSGG KLHLTKNG
Sequence Length	1273
Applicable Applications for anti-RASGRF1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RASGRF1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

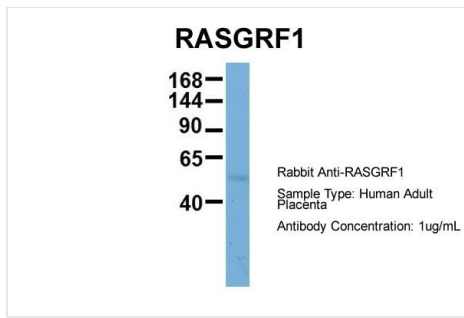


WB (Western Blot)

WB Suggested Anti-RASGRF1 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:31250
Positive Control: Human brain


WB (Western Blot)

Host: Rabbit
Target Name: RASGRF1
Sample Type: Human Fetal Muscle
Antibody Dilution: 1.0 ug/mL



WB (Western Blot)

Host: RabbitTarget Name: RASGRF1Sample Type: Human Adult PlacentaAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-RASGRF1 antibody	This is a rabbit polyclonal antibody against RASGRF1. It was validated on Western Blot Target Description: The protein encoded by this gene is a guanine nucleotide exchange factor (GEF) similar to the <i>Saccharomyces cerevisiae</i> 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.
Product Categories/Family for anti-RASGRF1 antibody	Polyclonal ; Lymphocyte Signaling ; Chromatin & Nuclear Signaling ; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	24797099
NCBI GeneID	5923
NCBI Accession #	NP_002882
NCBI GenBank Nucleotide #	NM_002891
UniProt Accession #	Q13972
Molecular Weight	145kDa
NCBI Official Full Name	ras-specific guanine nucleotide-releasing factor 1 isoform 1
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.