RASGRF1 Rabbit Polyclonal Antibody

CAB6964

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

145kDa

Calculated MW:

55kDa/143kDa/145kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein 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.

Immunogen information

Gene ID:
5923

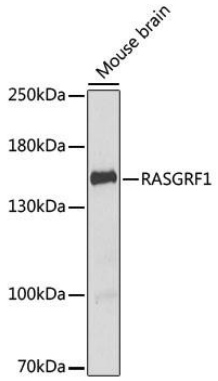
Uniprot
Q13972

Synonyms:
RASGRF1; CDC25; CDC25L; GNRP; GRF1; GRF55; H-GRF55; PP13187; ras-GRF1

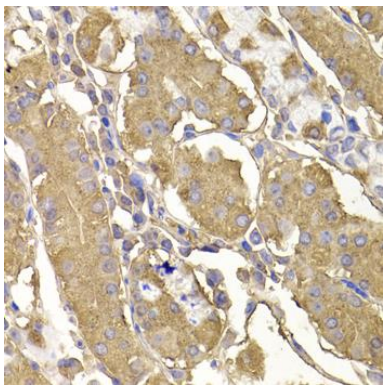
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 1-190 of human RASGRF1 (NP_001139120.1).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

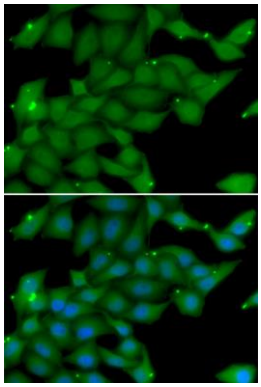
Product Images



Western blot analysis of extracts of mouse brain, using RASGRF1 antibody (CAB6964) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human stomach using RASGRF1 antibody (CAB6964) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using RASGRF1 antibody (CAB6964). Blue: DAPI for nuclear staining.

