

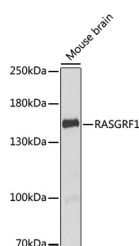
RASGRF1 Polyclonal Antibody

Catalog No. E-AB-61435
Storage Store at -20°C. Avoid freeze / thaw cycles.
Applications WB,IHC,IF

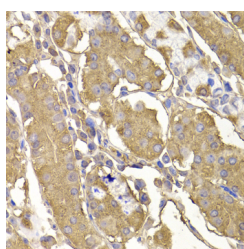
Reactivity H,M
Host Rabbit
Isotype IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

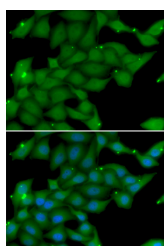
Images



Western blot analysis of extracts of Mouse brain using RASGRF1 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human stomach using RASGRF1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using RASGRF1 Polyclonal Antibody

Immunogen Information

Immunogen Recombinant fusion protein of human RASGRF1 (NP_001139120.1).
GeneID 5923
Swissprot Q13972
Synonyms RASGRF1,CDC25,CDC25L,GNRP,GRF1,GRF55,H-GRF55,PP13187,ras-GRF1

Product Information

Calculated MW 55kDa/143kDa/145kDa
Observed MW 145kDa
Buffer PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify Affinity purification
Dilution WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:100

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.