

RASGRF1

Reactivity:Human Mouse

Tested applications:WB IHC IF

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

Calculated MW:145kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human RASGRF1

Storage Buffer:

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

Synonym:

GNRP; GRF1; CDC25; GRF55; CDC25L; H-GRF55; PP13187; ras-GRF1;

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.

To place an order, please [Click HERE](#).

Catalog #:A6964

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:5923

Isotype:IgG

Swiss Prot:Q13972

Purity:Affinity purification

For research use only.