

## RASGRP1

**Reactivity:** Human

**Tested applications:** WB

**Recommended Dilution:** WB 1:1000 - 1:2000

**Calculated MW:** 90kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human RASGRP1

**Storage Buffer:**

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

**Synonym:**

V; RASGRP; hRasGRP1; CALDAG-GEFI; CALDAG-GEFII;

**Catalog #:** A10495

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 10125

**Isotype:** IgG

**Swiss Prot:** O95267

**Purity:** Affinity purification

For research use only.

**Background:**

This gene is a member of a family of genes characterized by the presence of a Ras superfamily guanine nucleotide exchange factor (GEF) domain. It functions as a diacylglycerol (DAG)-regulated nucleotide exchange factor specifically activating Ras through the exchange of bound GDP for GTP. It activates the Erk/MAP kinase cascade and regulates T-cells and B-cells development, homeostasis and differentiation. Alternatively spliced transcript variants encoding different isoforms have been identified. Altered expression of the different isoforms of this protein may be a cause of susceptibility to systemic lupus erythematosus (SLE).

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