

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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