

Product datasheet for TA361294

Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Rockville, MD 20850, US

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

RASGRP1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human

RASGRP1

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 87 kDa

Gene Name: RAS guanyl releasing protein 1

Database Link: <u>NP 001122074.1</u>

Entrez Gene 10125 Human

O95267



RASGRP1 Rabbit Polyclonal Antibody - TA361294

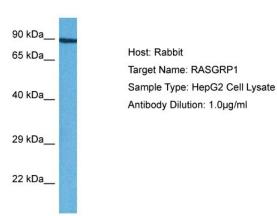
Background: This gene is a member of a family of genes characterized by the presence of a Ras

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).

Synonyms: CALDAG-GEFI; CalDAG-GEFII; hRasGRP1; MGC129998; MGC129999; RASGRP; V

Protein Pathways: MAPK signaling pathway, T cell receptor signaling pathway

Product images:



Host: Rabbit

Target Name: RASGRP1

Sample Tissue: Human HepG2 Whole Cell lysates

Antibody Dilution: 1ug/ml