

RASGRP1 Rabbit pAb

Catalog No.: A28098

Basic Information

Observed MW

90kDa/86kDa

Calculated MW

90kDa

Category

Primary antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human, Mouse

Background

Predicted to enable several functions, including cation binding activity; diacylglycerol binding activity; and guanyl-nucleotide exchange factor activity. Involved in activation of GTPase activity; positive regulation of T cell differentiation in thymus; and positive regulation of natural killer cell differentiation. Acts upstream of or within several processes, including mast cell degranulation; regulation of phosphatidylinositol 3-kinase/protein kinase B signal transduction; and vesicle transport along microtubule. Predicted to be located in Golgi apparatus and cytosol. Predicted to be active in plasma membrane. Is expressed in several structures, including brain and olfactory epithelium. Used to study systemic lupus erythematosus. Human ortholog(s) of this gene implicated in immunodeficiency 64. Orthologous to human RASGRP1 (RAS guanyl releasing protein 1).

Recommended Dilutions

WB 1:1000 - 1:2000

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on your
specific assay requirements.

Immunogen Information

Gene ID

19419

Swiss Prot

Q9Z1S3

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

Rasgrp; calDAG-GEFII

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

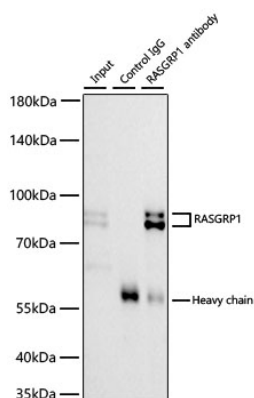
Affinity purification

Storage

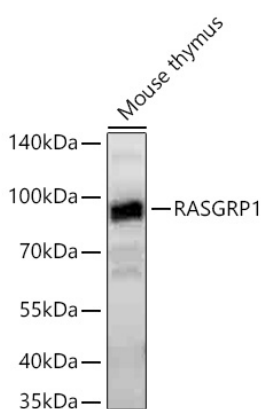
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

Validation Data



Immunoprecipitation of RASGRP1 from 300 µg extracts of Jurkat cells was performed using 2 µg of RASGRP1 Rabbit pAb (A28098). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using RASGRP1 Rabbit pAb (A28098) at a dilution of 1:1000.



Western blot analysis of lysates from Mouse thymus using RASGRP1 Rabbit pAb (A28098) at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.