

RASGRP2 Polyclonal antibody

Catalog Number: 19745-1-AP

Basic Information

Catalog Number:

19745-1-AP

Size:

133 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_153819

GeneID (NCBI):

10235

UNIPROT ID:

Q7LDG7

Full Name:

RAS guanyl releasing protein 2
(calcium and DAG-regulated)

Calculated MW:

69 kDa

Observed MW:

48 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human, mouse

Background Information

RASGRP2, also named as CDC25L and MCG7, belongs to the RASGRP family. It functions as a calcium- and DAG-regulated nucleotide exchange factor specifically activating Rap through the exchange of bound GDP for GTP. RASGRP2 may also activate other GTPases such as RRAS, RRAS2, NRAS, KRAS but not HRAS. RASGRP2 functions in aggregation of platelets and adhesion of T-lymphocytes and neutrophils probably through inside-out integrin activation. It may function in the muscarinic acetylcholine receptor M1/CHRM1 signaling pathway. The antibody recognizes the C-term of RASGRP2.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

