

For Research Use Only

RASGRP2 Polyclonal antibody

Catalog Number: 19745-1-AP



Basic Information

Catalog Number: 19745-1-AP	GenBank Accession Number: NM_153819	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10235	
Source: Rabbit	Full Name: RAS guanyl releasing protein 2 (calcium and DAG-regulated)	
Isotype: IgG	Calculated MW: 69 kDa	
	Observed MW: 48 kDa	

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

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data