

For Research Use Only

RASGRP2 Polyclonal antibody

Catalog Number: 30189-1-AP

1 Publications



Basic Information

Catalog Number:

30189-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32762

GenBank Accession Number:

NM_153819

GeneID (NCBI):

10235

UNIPROT ID:

Q7LDG7

Full Name:

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

Calculated MW:

69kd

Observed MW:

69 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Cited Applications:

WB, ColP

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : Jurkat cells, MOLT-4 cells, Raji cells

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Guozhu Chen	39260747	Biochim Biophys Acta Mol Cell Res	WB, ColP

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

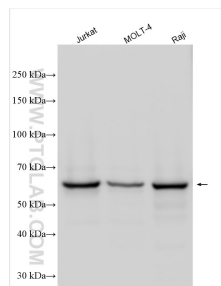
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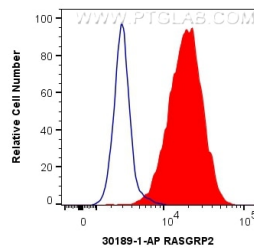
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30189-1-AP (RASGRP2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



1×10^6 Jurkat cells were intracellularly stained with 0.4 μ g Anti-Human RASGRP2 (30189-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).