

For Research Use Only

RASGRP2 Polyclonal antibody

Catalog Number: 30189-1-AP

1 Publications



Basic Information

Catalog Number: 30189-1-AP	GenBank Accession Number: NM_153819	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 10235	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	UNIPROT ID: Q7LDG7	
Isotype: IgG	Full Name: RAS guanyl releasing protein 2 (calcium and DAG-regulated)	
Immunogen Catalog Number: AG32762	Calculated MW: 69kd	
	Observed MW: 69 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : Jurkat cells, MOLT-4 cells, Raji cells
Cited Applications: WB, ColP	
Species Specificity: human	
Cited Species: human	

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

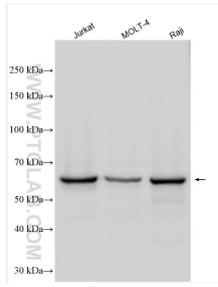
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

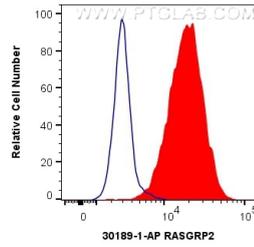
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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Selected Validation Data



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).