



Datasheet for ABIN6146720
anti-RASGRP1 antibody (AA 598-797)



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4 Images

Overview

Quantity:	100 µL
Target:	RASGRP1
Binding Specificity:	AA 598-797
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RASGRP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 598-797 of human RASGRP1 (NP_005730.2).
Sequence:	PVAPTENNTS VGPVSNLCSL GAKDLLHAPE EGPFTFPNGE AVEHGEEKD RTIMLMGVSS QKISLRKRA VAHKATQTES QPWIGSEGPS GPFVLSSPRK TAQDTLYVLP SPTSPCSPV LVRKRAFVKW ENKDSLISK EELRHLRLPT YQELEQEINT LKADNDALKI QLKYAQKKIE SLQLEKSNHV LAQMEQGDSC
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	RASGRP1
Alternative Name:	RASGRP1 (RASGRP1 Products)
Background:	<p>This gene is a member of a family of genes characterized by the presence of a Ras superfamily guanine nucleotide exchange factor (GEF) domain. It functions as a diacylglycerol (DAG)-regulated nucleotide exchange factor specifically activating Ras through the exchange of bound GDP for GTP. It activates the Erk/MAP kinase cascade and regulates T-cells and B-cells development, homeostasis and differentiation. Alternatively spliced transcript variants encoding different isoforms have been identified. Altered expression of the different isoforms of this protein may be a cause of susceptibility to systemic lupus erythematosus (SLE).,RASGRP1,CALDAG-GEFI,CALDAG-GEFII,RASGRP,V,hRasGRP1,Cancer,Signal Transduction,G protein signaling,Signal Transduction,Immunology & Inflammation,B Cell Receptor Signaling Pathway,T Cell Receptor Signaling Pathway,Neuroscience,Calcium Signaling,RASGRP1</p>
Molecular Weight:	55 kDa/62 kDa/68 kDa/86 kDa/90 kDa
Gene ID:	10125
UniProt:	O95267
Pathways:	TCR Signaling , Fc-epsilon Receptor Signaling Pathway

Application Details

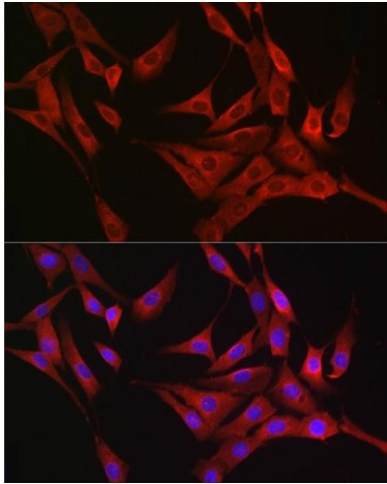
Application Notes:	WB,1:1000 - 1:2000,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

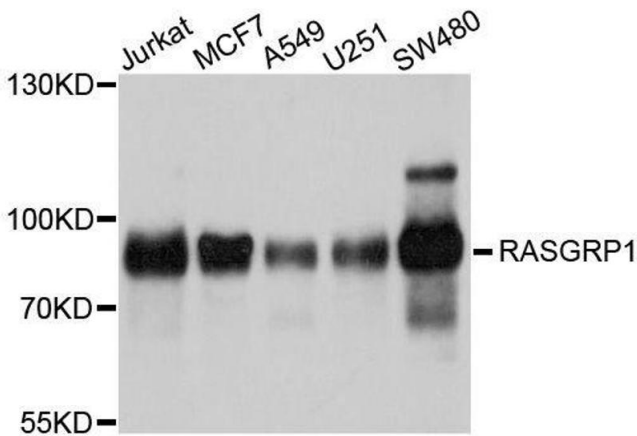
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



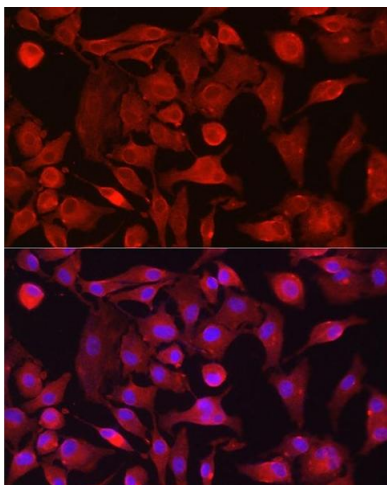
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH/3T3 cells using R Rabbit pAb (ABIN6132924, ABIN6146720, ABIN6146721 and ABIN6214772) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using RASGRP1 antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of A-549 cells using R Rabbit pAb (ABIN6132924, ABIN6146720, ABIN6146721 and ABIN6214772) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6146720.