

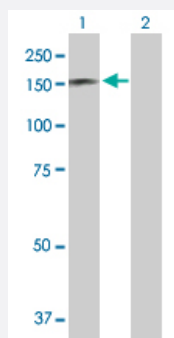
MaxPab®

RAPGEF1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002889-B01P

Size 50 ug

Applications

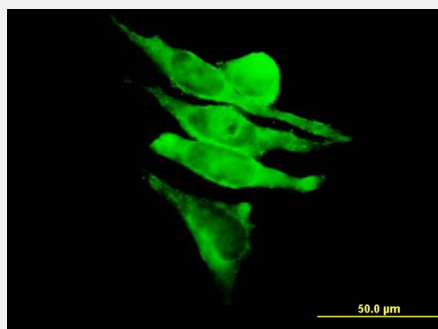


Western Blot (Transfected lysate)

Western Blot analysis of RAPGEF1 expression in transfected 293T cell line ([H00002889-T01](#)) by RAPGEF1 MaxPab polyclonal antibody.

Lane 1: RAPGEF1 transfected lysate (120.45 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RAPGEF1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human RAPGEF1 protein.

Immunogen

RAPGEF1 (NP_941372.1, 1 a.a. ~ 1095 a.a) full-length human protein.

Sequence

MGNAIEKQKPLKRSHLYPWKQDSQRSHLSSFTMKLMDKFHSPKIKRTPSKKGKPAEVSVKIPEKP
 VNKEATDRFLPEGYPLPLDLEQQAVEFMSTSAVASRSQRQKNLSWLEEKEKEVVSALRYFKTIV
 DKMAIDKKVLEMLPGSASKVLEAILPLVQNDPRIQHSSALSSCYSRVYQSLANLIRWSDQVMLEG
 VNSEDKEMVTTVKGVIAVLDDGVKELVRLTIEKQGRPSPTSPVKPSSPASKPDGPAELPLTDREV
 EILNKTGMSQSTELLDPDATDEEVAPPKPLPGIRVVDNSPPPALPPKKRQSAPSPTRVAVVAPM
 SRATSGSSLPVGINRQDFDVCYAQRRLSGGSHSYGGESPRLSPCSSIGKLSKSDEQLSSLDRD
 SGQCSRNTSCETLDHYDPDYEFLQQDLNADQIPQQTAWNLSPLPESLGESGSPFLGPPFQLPL
 GGHPQPDGPLAPGQQTDTTPALPEKKRRSAASQTADGSGCRVSYERHPSQYDNISGEDLQSTA
 PIPSVPYAPFAAILPFQHGGSSAPVEFVGDFTAPESTGDPEKPPPLPEKKNKHMLAYMQLLEDYS
 EPQPSMFYQTPQNEHIYQQKNKLLMEVYGFSDSFGVDSVQELAPPPALPPKQRQLEPPAGKD
 GHPRDPSAVSGVPGKDSRDGSERAPKSPDALESAQSEEEVDELSDIDHNEIMSRLTLKQEGDD
 GPDVRGGSGDILLVHATETDRKDLVLYCEAFLTTYRTFISPEELIKKLQYRYEKFSPFADTFKKRVS
 KNTFFVLVRVDELCLVELTEEILKLLMELVFRVCNGELSLARVLRKNILDKVDQKKLLRCATSS
 QPLAARGVAARPGTLHDFHSHEIAEQLTLLDAELFYKIEIPEVLLWAKEQNEEKSPNLTQFTEHFN
 NMSYWVRSIIMLQEKAQDRERLLLKFIMKHLRKLNNFNSYLAILSALDSAPIRRLEWQKQTSEGLA
 EYCTLIDSSSSFRAYRAALSEVEPPCIPYLGILQDLTFVHLGNPDYIDGKVNFSKRWQQFNILDSM
 RCFQQAHYDMRRNDDIINFFNDFSDHLAEEALWELSLKIKPRNITRRKTDREKT

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

• Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RAPGEF1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — RAPGEF1

Entrez GeneID

[2889](#)

GeneBank Accession#	NM_198679
Protein Accession#	NP_941372.1
Gene Name	RAPGEF1
Gene Alias	C3G, DKFZp781P1719, GRF2
Gene Description	Rap guanine nucleotide exchange factor (GEF) 1
Omim ID	600303
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a human guanine nucleotide exchange factor. It transduces signals from CRK by binding the SH3 domain of CRK, and activating several members of the Ras family of GTPases. This signaling cascade that may be involved in apoptosis, integrin-mediated signal transduction, and cell transformation. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some variants has not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000064558 guanine nucleotide-releasing factor 2 guanine nucleotide-releasing factor 2 (specific for crk proto-oncogene)

Pathway

- [Focal adhesion](#)
- [Insulin signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Renal cell carcinoma](#)

Disease

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Tobacco Use Disorder](#)