

DNAxPAb

Hard-to-Find
Antibody

RAPGEF1 DNAxPab

Catalog # H00002889-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human RAPGEF1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MGNAIEKQKPLKRSHLYPWKQDSQRSHLSSFTMKLMDKFHSPKIKRTPSKKGKPAEVSVKIPEKP
VNKEATDRFLPEGYPLPLDLEQQAVEFMSTSAVASRSQRQKNLSWLEEKEKEVVSALRYFKTIV
DKMAIDKKVLEMLPGSASKVLEAILPLVQNDPRIQHSSALSSCYSRVYQSLANLIRWSDQVMLEG
VNSEDKEMVTTVKGVKAVLDGVKELVRLTIEKQGRPSPTSPVKPSSPASKPDGPAELPLTDREV
EILNKTGMSQSTELLPDATDEEVAPPKPLPGIRVVDNSPPPALPPKKRQSAPSPTRVAVVAPM
SRATSGSSLPVGINRQDFDVCYAQRRLSGGSHSYGGESPRLSPCSSIGKLSKSDEQLSSLDRD
SGQCSRNTSCETLDHYDPDYEFLLQDLSNADQIPQQTAWNLSPLPESLGESGSPFLGPPFQLPL
GGHPQPDGPLAPGQQTDTTPPALPEKKRRSAASQTADGSGCRVSYERHPSQYDNISGEDLQSTA
PIPSVPYAPFAAILPFQHGGSSAPVEFVGDFTAPESTGDPEKPPPLPEKKNKHMLAYMQLLEDYS
EPQPSMFYQTPQNEHIYQQKNKLLMEVYGFSDSFSGVDSVQELAPPPALPPKQRQLEPPAGKD
GHPRDPSAVSGVPGKDSRDGGERAPKSPDALESAQSEEEVDELSDIDHNEIMSRLTLKQEGDD
GPDVRGGSGDILLVHATETDRKDLVLYCEAFLTTYRTFISPEELIKKLQYRYEKFSPFADTFKKRVS
KNTFFVLVRVVDLCLVELTEEILKLLMELVFRLVCNGELSLARVLRKNILDKVDQKKLLRCATSS
QPLAARGVAARPGTLHDFHSHEIAEQLTLLDAELFYKIEPEVLLWAKEQNEEKSPNLQFTEHFN
NMSYWVRSIIMLQEKAQDRERLLLKFIKIMKHLRKLNNFNLSYLAISALDSAPIRRLEWQKQTSEGLA
EYCTLIDSSSSFRAYRAALSEVEPPCIPYGLILQDLTFVHLGNPDYIDGKVNFSKRWWQQFNILDSM
RCFQQAHYDMRRNDDIINFFNDFSDHLAEEALWELSLKIKPRNITRRKTDREKT

Host Rabbit

Reactivity Human

Purification Protein A

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.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — RAPGEF1

Entrez GeneID	2889
GeneBank Accession#	NM_198679.1
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 GTPase s. 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](#)