

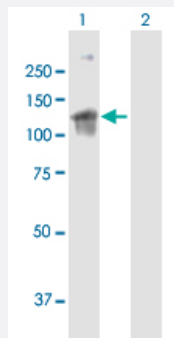
MaxPab®

ARHGEF2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009181-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ARHGEF2 expression in transfected 293T cell line ([H00009181-T01](#)) by ARHGEF2 MaxPab polyclonal antibody.

Lane 1: ARHGEF2 transfected lysate(105.49 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ARHGEF2 protein.

Immunogen

ARHGEF2 (ABM85604.1, 1 a.a. ~ 959 a.a) full-length human protein.

Sequence

MKEAKDARYTNGHLFTTISVSGMTMCYACNKSITAKEALICPTCNVTIHNRCKDTLANCTKVKKQKQ
QKAALLKNNTALQSVSLRSKTTIRERPSSAIYPDSFRQSLLGSRRGRSSLSLAKSVSTTNIAGHFN
DESPLGLRRILSQSTDLSLNMNRNRLSVESLIDEAEVIYSELMSDFEMDEKDFAAADSWSLAVDSSF
LQQHKKEVMKQQQDVIELIQTELHHVRTLKIMTRLFRTGMLEELHLEPGVVQGLFPCVDELSDIHT
FLSQLLERRRQALCPGSTRNFVIHRLGDLLISQFSGPSAEQMCKTYSEFCSRHSAKALKLYKELYAR
DKRFQQFIRKVTRPAVLKRHGVQECILLVTQRITKYPLLISRLQSHSHGIEEERQDLTTALGLVKELLS
NVDEGIYQLEKGARLQEIYNRMDPRAQTPVPGKPGFGREELLRRKLIHDGCLLWKTATGRFKDVL
VLLMTDVLVFLQEKDQKYIFPTLDKPSVSVSLQNLIVRDIANQEKGMFLISAAPPEMYEVHTASRDD
RSTWIRVIQQSVRTCPSREDFPLIETEDAYLRRIKMELQQKDRAVLLEKVGFLFAEMTHFQAE
EDGGSGMALPTLPRGLFRSESLSPRGERLLQDAIREVEGLKDLLVGPVVELLLTPREPALPLEP
DSGGNTSPGVGTANGEARTFNGSIELCRADSDSSQDRNGNQLRSPQEEALQRLVNLVYGLLHGLQ
AAVAQQDTLMEARFPEGPERREKLCRANSRDGEAGRAGAAPVAPEKQATELALLQRQHALLQE
ELRRCRRLGEERATEAGSLEARLRESEQARALLEREAEAEARRQLAALGQTEPLPAEAPWARRP
VDPRRRSLPAGDALYLSFNPPQPSRGTDRLDLPVTTRSVHRNFEDRERQELGSPEERLQDSSD
PDTGSEEEGSSRLSPPHSPRDFTRMQDIPEETESRDGEAVASES

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (89)
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](#)

Gene Info — ARHGEF2

Entrez GeneID	9181
GeneBank Accession#	DQ894678.2
Protein Accession#	ABM85604.1
Gene Name	ARHGEF2
Gene Alias	DKFZp547L106, DKFZp547P1516, GEF, GEF-H1, GEFH1, KIAA0651, LFP40, P40
Gene Description	rho/rac guanine nucleotide exchange factor (GEF) 2
Omim ID	607560
Gene Ontology	Hyperlink
Gene Summary	Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form complex with G proteins and stimulate rho-dependent signals. Alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq]
Other Designations	OTTHUMP00000018856 proliferating cell nucleolar antigen p40 rho/rac guanine nucleotide exchange factor 2

Pathway

- [Pathogenic Escherichia coli infection - EHEC](#)

Disease

- [Angina Pectoris](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Coronary Vasospasm](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)