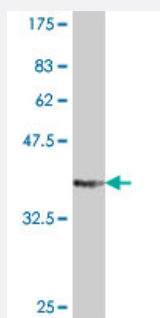


ARHGEF2 polyclonal antibody (A01)

Catalog # H00009181-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.22 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ARHGEF2.
Immunogen	ARHGEF2 (NP_004714, 590 a.a. ~ 690 a.a) partial recombinant protein with GST tag.
Sequence	MTHFQAEEDGGSGMALPTLPRGLFRSESLESPRGERLLQDAIREVEGLKDLLVGPGVELLLTPRE PALPLEPDSSGNTSPGVTANGEARTFNGSIELCRAD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (89)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.22 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ARHGEF2

Entrez GeneID [9181](#)

GeneBank Accession# [NM_004723](#)

Protein Accession# [NP_004714](#)

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](#)