

ARHGEF18 rabbit monoclonal antibody

Catalog # H00023370-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ARHGEF18 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ARHGEF18 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ARHGEF18 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ARHGEF18

Entrez GeneID [23370](#)

GeneBank Accession# [ARHGEF18](#)

Gene Name ARHGEF18

Gene Alias KIAA0521, MGC15913, P114-RhoGEF

Gene Description rho/rac guanine nucleotide exchange factor (GEF) 18

Gene Ontology [Hyperlink](#)

Gene Summary Rho GTPases are GTP binding proteins that regulate a wide spectrum of cellular functions. These cellular processes include cytoskeletal rearrangements, gene transcription, cell growth and motility. Activation of Rho GTPases is under the direct control of guanine nucleotide exchange factors (GEFs). The protein encoded by this gene is a guanine nucleotide exchange factor and belongs to the Rho GTPase GEF family. Family members share a common feature, a Dbl (DH) homology domain followed by a pleckstrin (PH) homology domain. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations P114-RHO-GEF|Rho-specific guanine nucleotide exchange factor p114