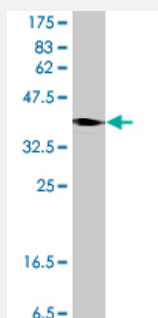


# ARHGEF12 polyclonal antibody (A01)

Catalog # H00023365-A01

Size 50 uL

## Applications



## Specification

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse polyclonal antibody raised against a partial recombinant ARHGEF12.                               |
| <b>Immunogen</b>                     | ARHGEF12 (NP_056128, 817 a.a. ~ 916 a.a) partial recombinant protein with GST tag.                     |
| <b>Sequence</b>                      | VSREGILSPSELRKIFSNLEDILQLHIGLNEQMKAVRKRNETSVIDQIGEDLLTWFSGPGEELKHA<br>AATFCSNQPFALMIKSRQKKDSRFQTFVQDAE |
| <b>Host</b>                          | Mouse                                                                                                  |
| <b>Reactivity</b>                    | Human                                                                                                  |
| <b>Interspecies Antigen Sequence</b> | Mouse (89); Rat (88)                                                                                   |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.                                                         |
| <b>Storage Buffer</b>                | 50 % glycerol                                                                                          |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                               |

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — ARHGEF12

Entrez GeneID [23365](#)

GeneBank Accession# [NM\\_015313](#)

Protein Accession# [NP\\_056128](#)

Gene Name ARHGEF12

Gene Alias DKFZp686O2372, KIAA0382, LARG, PRO2792

Gene Description Rho guanine nucleotide exchange factor (GEF) 12

Omim ID [601626 604763](#)

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 a complex with G proteins and stimulate Rho-dependent signals. This protein is observed to form myeloid/lymphoid fusion partner in acute myeloid leukemia. [provided by RefSeq]

**Other Designations** leukemia-associated rho guanine nucleotide exchange factor

## Pathway

- [Axon guidance](#)
- [Regulation of actin cytoskeleton](#)
- [Vascular smooth muscle contraction](#)

## Disease

- [Angina Pectoris](#)
- [Coronary Vasospasm](#)

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