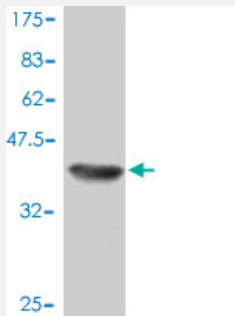


RHOC polyclonal antibody (A01)

Catalog # H00000389-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant RHOC.
Immunogen	RHOC (NP_786886, 91 a.a. ~ 190 a.a) partial recombinant protein with GST tag.
Sequence	SLENIPEKWTPEVKHFCPNVPILVGNKKDLRQDEHTRRELAKMKQEPVRSEEGRDMANRISAFG YLECSAKTKEGVREVFEMATRAGLQVRKNKRRRG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 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 — RHOC

Entrez GeneID [389](#)

GeneBank Accession# [NM_175744](#)

Protein Accession# [NP_786886](#)

Gene Name RHOC

Gene Alias ARH9, ARHC, H9, MGC1448, MGC61427, RHOH9

Gene Description ras homolog gene family, member C

Omim ID [165380](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. The protein encoded by this gene is prenylated at its C-terminus, and localizes to the cytoplasm and plasma membrane. It is thought to be important in cell locomotion. Overexpression of this gene is associated with tumor cell proliferation and metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations OTTHUMP00000013675|OTTHUMP00000013676|OTTHUMP00000013802|OTTHUMP00000013805|OTTHUMP00000013807|OTTHUMP00000013809|RAS-related homolog 9|Rho-related GTP-binding protein RhoC|oncogene RHO H9|rhoC GTPase|small GTP binding protein RhoC

Publication Reference

- [RhoB/ROCK mediates oxygen-glucose deprivation-stimulated syncytiotrophoblast microparticle shedding in preeclampsia.](#)

Han J, Yang BP, Li YL, Li HM, Zheng XH, Yu LL, Zhang Q, Zheng YR, Yi P, Li L, Guo JX, Zhou YG.

Cell and Tissue Research 2016 Jun; 366(2):411.

Application: WB, Human, Placenta tissue

Disease

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