

Datasheet

ARHGAP6 monoclonal antibody (M01), clone 6B3

Catalog Number: H00000395-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant ARHGAP6.

Clone Name: 6B3

Immunogen: ARHGAP6 (NP_038286, 531 a.a. ~ 636 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

RHADDNISKDGQEVGTGNKMTSLNLATIFGPNLLHKQKS
SDKEFSVQSSARAEESTAIIVVQKMIENYEALFMVPP
DLQNEVLISLLETDPDVVDYLLRRKASQSS

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, WB-Ce, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 395

Gene Symbol: ARHGAP6

Gene Alias: RHOGAP6, RHOGAPX-1

Gene Summary: This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of actin polymerization at the plasma membrane during several cellular processes. This

protein is thought to have two independent functions, one as a GTPase-activating protein with specificity for RhoA, and another as a cytoskeletal protein that promotes actin remodeling. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

References:

1. Genetic screening in *C. Elegans* identifies rho-GTPase activating protein 6 as novel HERG regulator. Potet F, Petersen CI, Boutaud O, Shuai W, Stepanovic SZ, Balser JR, Kupersmidt S. *J Mol Cell Cardiol.* 2009 Feb;46(2):257-67. Epub 2008 Nov 5.