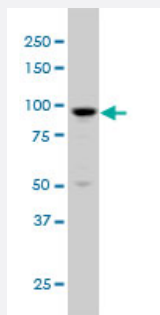


# ARHGAP6 monoclonal antibody (M01), clone 6B3

Catalog # H00000395-M01

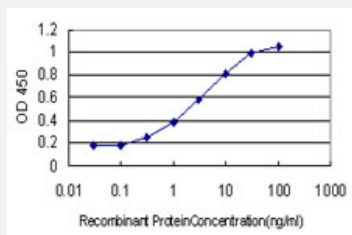
Size 100 ug

## Applications



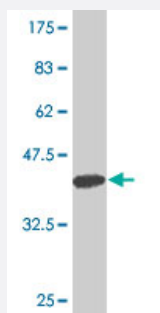
### Western Blot (Cell lysate)

ARHGAP6 monoclonal antibody (M01), clone 6B3 Western Blot analysis of ARHGAP6 expression in K-562 ( Cat # L009V1 ).



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ARHGAP6 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.4 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant ARHGAP6.

<b>Immunogen</b>	ARHGAP6 (NP_038286, 531 a.a. ~ 636 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	RHADDNISKDQGQEVGTGNKMTSLNLTATIFGPNLLHKQKSSDKEFSVQSSARAEESTAIIVVQKMIE NYEALFMVPPDLQNEVLISLLETDPDVVDYLLRRKASQSS
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (98)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.4 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

ARHGAP6 monoclonal antibody (M01), clone 6B3 Western Blot analysis of ARHGAP6 expression in K-562 ( Cat # L009V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ARHGAP6 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — ARHGAP6

Entrez GeneID [395](#)

GeneBank Accession#	<a href="#">NM_013427</a>
Protein Accession#	<a href="#">NP_038286</a>
Gene Name	ARHGAP6
Gene Alias	RHOGAP6, RHOGAPX-1
Gene Description	Rho GTPase activating protein 6
Omim ID	<a href="#">300118</a>
Gene Ontology	<a href="#">Hyperlink</a>
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]
Other Designations	OTTHUMP00000022913 OTTHUMP00000022915 OTTHUMP00000022916 OTTHUMP00000022918 Rho-type GTPase-activating protein RhoGAPX-1

## Publication Reference

- [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.

Journal of Molecular and Cellular Cardiology 2008 Nov; 46(2):257.

Application: IF, WB, Mouse, Mouse atrial myocyte cell line HL-1 cells

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)