

ARHGAP6 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant ARHGAP6.****Catalog # AT1180a****Specification**

ARHGAP6 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O43182
Other Accession	NM_013427
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	105947

ARHGAP6 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 395**Other Names**

Rho GTPase-activating protein 6, Rho-type GTPase-activating protein 6, Rho-type GTPase-activating protein RhoGAPX-1, ARHGAP6, RHOGAP6

Target/Specificity

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

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

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

Precautions

ARHGAP6 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

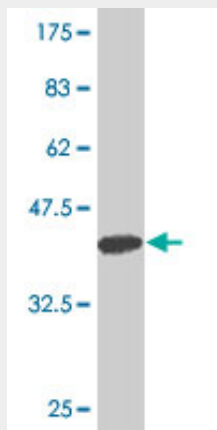
ARHGAP6 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

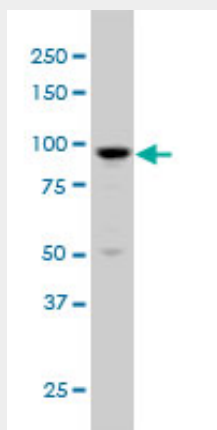
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

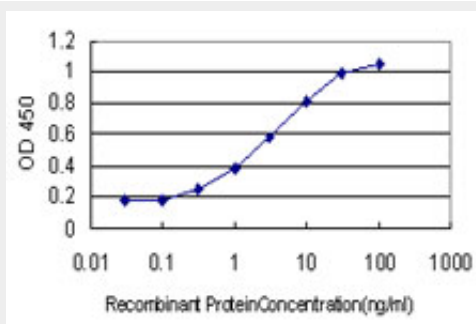
ARHGAP6 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.4 KDa) .



ARHGAP6 monoclonal antibody (M01), clone 6B3 Western Blot analysis of ARHGAP6 expression in K-562 ((Cat # AT1180a)



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

ARHGAP6 Antibody (monoclonal) (M01) - Background

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.

ARHGAP6 Antibody (monoclonal) (M01) - 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.