

For Research Use Only

# ARHGAP5 Polyclonal antibody

Catalog Number: 55165-1-AP

2 Publications



## Basic Information

Catalog Number:

55165-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 287 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001173

GeneID (NCBI):

394

UNIPROT ID:

Q13017

Full Name:

Rho GTPase activating protein 5

Calculated MW:

172 kDa

Observed MW:

170-190 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HeLa cells, Jurkat cells, HepG2 cells, K-562 cells

## Background Information

ARHGAP5, also named as RHOGAP5 and p190-B, is GTPase-activating protein for Rho family members. It may play a role in the reduction of the p21rasGTPase-activating potential of p120GAP. ARHGAP5 can be directly phosphorylated on a single identified tyrosine residue by the activated INS and IGF-1 receptors. It also has been shown to be tyrosine phosphorylated by cSrc and vSrc. Additionally the GAP domain of ARHGAP5 is shown to attenuate signal transducing activity of Rac, Rho and CDC42. The antibody is specific to ARHGAP5.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ruli Li	32705204	Mol. Med Rep	WB
Camille Arcinas	32694641	Nat Metab	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

0.1M NaHCO<sub>3</sub>, 0.1M glycine, 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

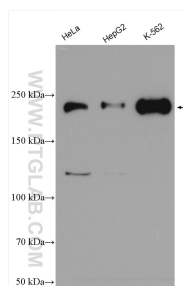
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55165-1-AP (ARHGAP5 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.