

For Research Use Only

# ARHGAP5 Polyclonal antibody

Catalog Number: 55165-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 55165-1-AP	<b>GenBank Accession Number:</b> NM_001173	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 394	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> Rho GTPase activating protein 5	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 172 kDa	
	<b>Observed MW:</b> 170-190 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, Jurkat cells, K-562 cells, HepG2 cells
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

## Background Information

ARHGAP5, also named as RHO GAP5 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

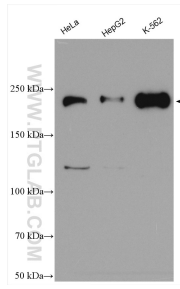
**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
0.1M NaHCO<sub>3</sub>, 0.1M glycine, 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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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.