

For Research Use Only

ARHGAP5 Polyclonal antibody

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



Basic Information

Catalog Number: 55165-1-AP	GenBank Accession Number: NM_001173	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 394	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q13017	
Isotype: IgG	Full Name: Rho GTPase activating protein 5	
	Calculated MW: 172 kDa	
	Observed MW: 170-190 kDa	

Applications

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

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 NaHCO₃, 0.1M glycine, 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

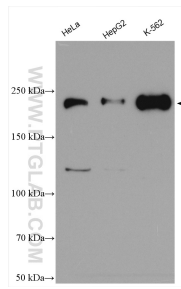
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.