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**Product Name: ARHGAP18 Rabbit Polyclonal Antibody****Catalog #: APRab07123**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
<b>Molecular Weight</b>	75kDa

**Antigen Information**

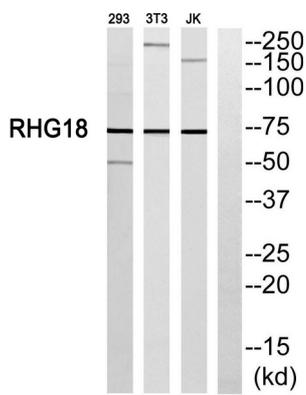
<b>Gene Name</b>	ARHGAP18
<b>Alternative Names</b>	ARHGAP18; Rho GTPase-activating protein 18; MacGAP; Rho-type GTPase-activating protein 18
<b>Gene ID</b>	93663.0
<b>SwissProt ID</b>	Q8N392
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RHG18. AA range:517-566

**Background**

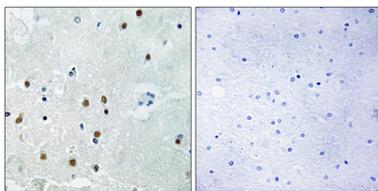
ARHGAP18 belongs to a family of Rho (see MIM 165390) GTPase-activating proteins that modulate cell signaling (Potkin et al., 2009 [PubMed 19065146]).[supplied by OMIM, Apr 2010],function:GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Contains 1 Rho-GAP domain.,subunit:Interacts with MPHOSPH6.,

## Research Area

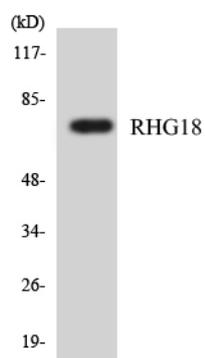
## Image Data



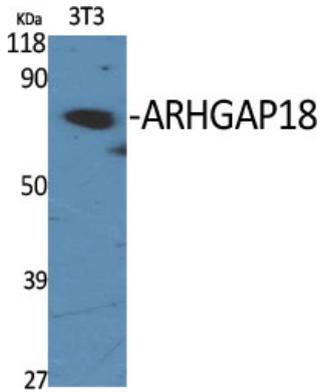
Western blot analysis of RHG18 Antibody. The lane on the right is blocked with the RHG18 peptide.



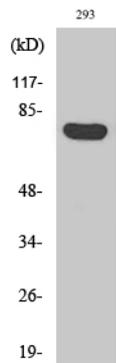
Immunohistochemistry analysis of paraffin-embedded human brain, using RHG18 Antibody. The lane on the right is blocked with the RHG18 peptide.



Western blot analysis of the lysates from HepG2 cells using RHG18 antibody.



Western Blot analysis of various cells using ARHGAP18 Polyclonal Antibody



Western Blot analysis of Jurkat cells using ARHGAP18 Polyclonal Antibody