

For Research Use Only

# ARHGAP12 Polyclonal antibody, PBS Only

Catalog Number: 17855-1-PBS



## Basic Information

<b>Catalog Number:</b> 17855-1-PBS	<b>GenBank Accession Number:</b> BC094719	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 94134	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IWW6	
<b>Isotype:</b> IgG	<b>Full Name:</b> Rho GTPase activating protein 12	
<b>Immunogen Catalog Number:</b> AG12309	<b>Calculated MW:</b> 841 aa, 96 kDa	

## Applications

**Tested Applications:**  
IHC, IF-P, Indirect ELISA

**Species Specificity:**  
human, mouse

## Background Information

ARHGAP12 belongs to the Rho GTPase-activating protein (RhoGAP) family. RhoGAP is a key regulatory factor of the small GTPase Rho family and serves as a molecular switch that regulates various cellular processes. ARHGAP12 is involved in suppressing tumor formation by regulating cell invasion and adhesion.

## Storage

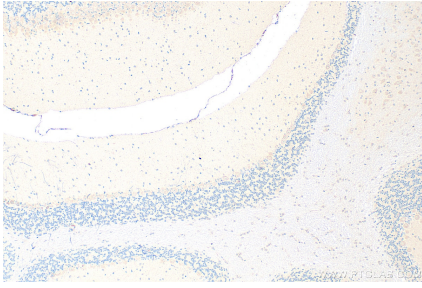
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

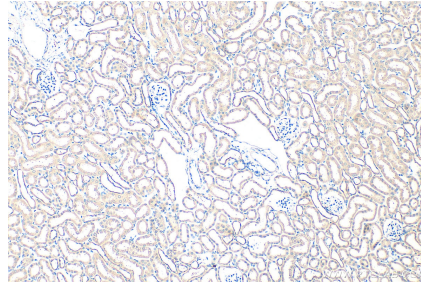
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)      W: [ptglab.com](http://ptglab.com)

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

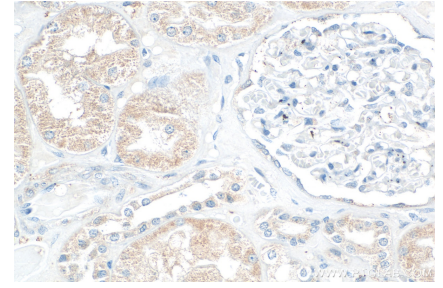
## Selected Validation Data



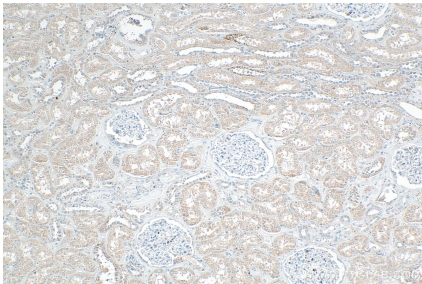
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 17855-1-AP (ARHGAP12 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17855-1-PBS in a different storage buffer formulation.



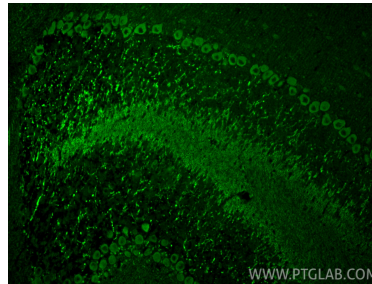
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 17855-1-AP (ARHGAP12 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17855-1-PBS in a different storage buffer formulation.



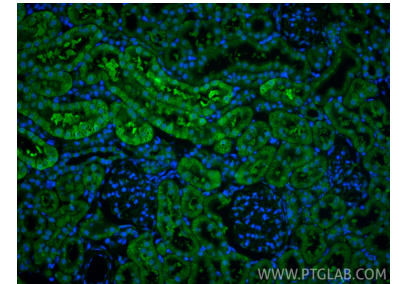
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17855-1-AP (ARHGAP12 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17855-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17855-1-AP (ARHGAP12 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17855-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse cerebellum tissue using ARHGAP12 antibody (17855-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17855-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat kidney tissue using ARHGAP12 antibody (17855-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17855-1-PBS in a different storage buffer formulation.