

For Research Use Only

ARAP1 Polyclonal antibody, PBS Only

Catalog Number:17541-1-PBS



Basic Information

Catalog Number: 17541-1-PBS	GenBank Accession Number: BC056401	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 116985	
Isotype: IgG	UNIPROT ID: Q96P48	
Immunogen Catalog Number: AG11597	Full Name: ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1	
	Calculated MW: 162 kDa	
	Observed MW: 180 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human

Background Information

ARAP1 is a member of ARAP family with both Arf GAP and Rho GAP activities, by which ARAP1 makes a direct link between ADP-ribosylation factor (Arf) GTPases and Rho GTPases signaling. ARAP1 is involved in membrane trafficking and receptor recycling. It supports the plasma membrane recycling of the angiotensin II type 1 receptor (AT1) and regulates the cell-specific trafficking of the pro-death receptor TRAIL-R1/DR4, thereby promoting TRAIL-induced apoptosis in certain cell types. (PMID: 14559250, PMID: 18165900, PMID: 38008882)

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

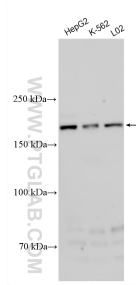
T: 4006900926

E: Proteintech-CN@ptglab.com

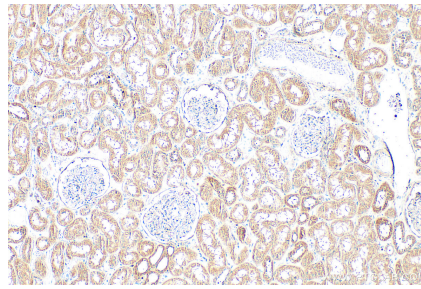
W: ptgcn.com

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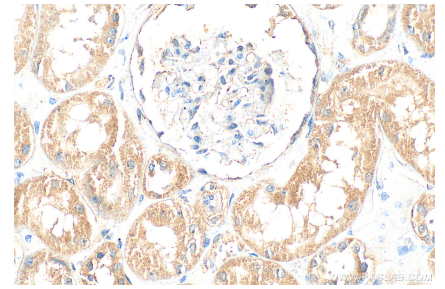
Selected Validation Data



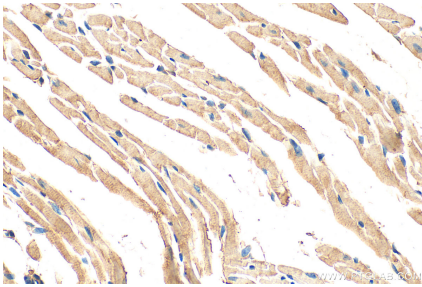
Various lysates were subjected to SDS PAGE followed by western blot with 17541-1-AP (ARAP1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17541-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17541-1-AP (ARAP1 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 17541-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17541-1-AP (ARAP1 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 17541-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 17541-1-AP (ARAP1 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 17541-1-PBS in a different storage buffer formulation.