

For Research Use Only

# AKD1 Polyclonal antibody

Catalog Number: 23042-1-AP



## Basic Information

<b>Catalog Number:</b> 23042-1-AP	<b>GenBank Accession Number:</b> BC153055	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 900 ug/ml	<b>GeneID (NCBI):</b> 401271	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>Full Name:</b> adenylate kinase domain containing 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1911 aa, 221 kDa	
<b>Immunogen Catalog Number:</b> AG19038	<b>Observed MW:</b> 40-49 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, ELISA

**Species Specificity:**  
human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** HEK-293 cells,  
**IHC :** human kidney tissue, human testis tissue  
**IF/ICC :** HEK-293 cells,

## Background Information

### Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 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:

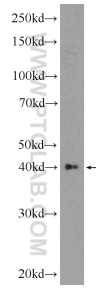
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

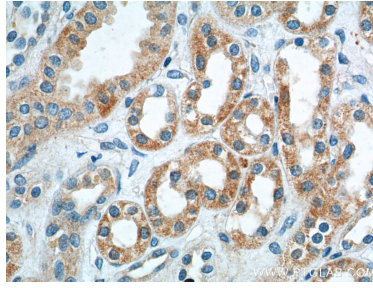
W: [ptgcn.com](http://ptgcn.com)

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

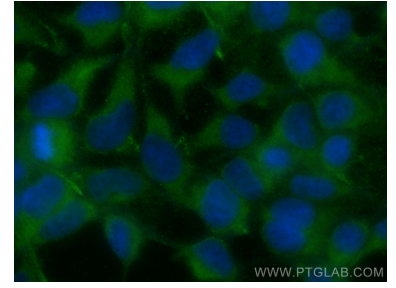
## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 23042-1-AP (AKD1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 23042-1-AP (AKD1 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using AKD1 antibody (23042-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).