

For Research Use Only

# ARPP-21 Polyclonal antibody

Catalog Number: 11829-1-AP

2 Publications



## Basic Information

<b>Catalog Number:</b> 11829-1-AP	<b>GenBank Accession Number:</b> BC017805	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 1000 ug/ml by Nanodrop and 380 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10777	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UBLO	
<b>Isotype:</b> IgG	<b>Full Name:</b> cyclic AMP-regulated phosphoprotein, 21 kD	
<b>Immunogen Catalog Number:</b> AG2399	<b>Calculated MW:</b> 89 kDa	
	<b>Observed MW:</b> 86 kDa	

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse

### Cited Species:

mouse

**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: mouse brain tissue,

IHC: mouse brain tissue, human cerebellum tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Meng Xu	38467629	Nat Commun	WB
Ye-Ya Tan	34124052	Front Cell Dev Biol	WB

## 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

\*\*\* 20ul sizes contain 0.1% BSA

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)

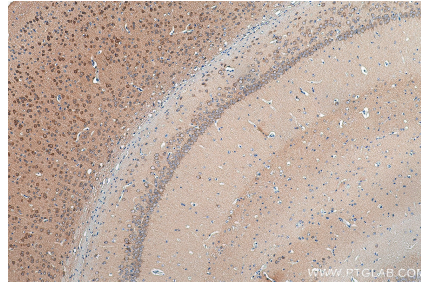
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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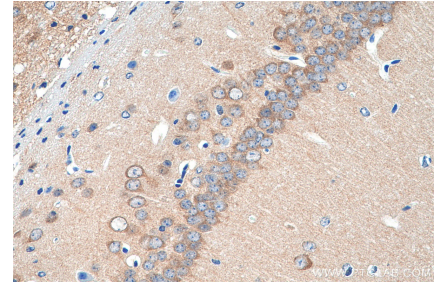
## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11829-1-AP (ARPP-21 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11829-1-AP (ARPP-21 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11829-1-AP (ARPP-21 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).