

For Research Use Only

# ARPP-21 Polyclonal antibody

Catalog Number: 11829-1-AP

2 Publications



## Basic Information

Catalog Number:

11829-1-AP

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2399

GenBank Accession Number:

BC017805

GeneID (NCBI):

10777

UNIPROT ID:

Q9UBLO

Full Name:

cyclic AMP-regulated phosphoprotein,  
21 kD

Calculated MW:

89 kDa

Observed MW:

86 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:1000-1:4000

## Applications

Tested Applications:

IHC, WB, 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

## Background Information

### 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

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

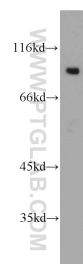
T: 4006900926

E: Proteintech-CN@ptglab.com

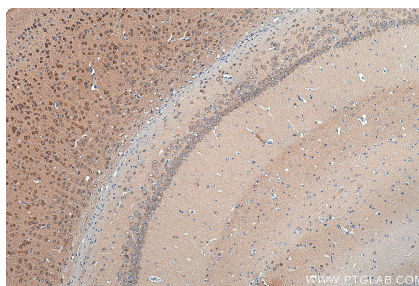
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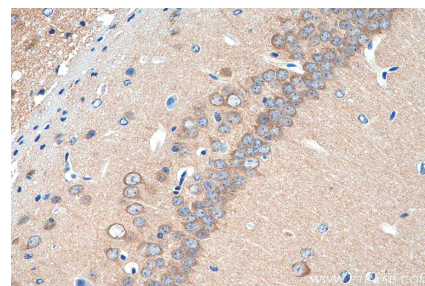
## Selected Validation Data



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).