

For Research Use Only

ARPP-21 Polyclonal antibody

Catalog Number: 11829-1-AP

2 Publications



Basic Information

Catalog Number:

11829-1-AP

Size:

150ul, Concentration: 1000 µg/ml by Nanodrop and 380 µg/ml by Bradford method using BSA as the standard;

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

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

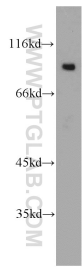
For technical support and original validation data for this product please contact:

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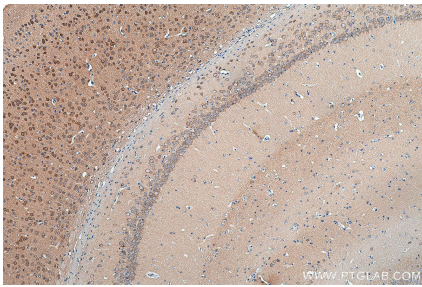
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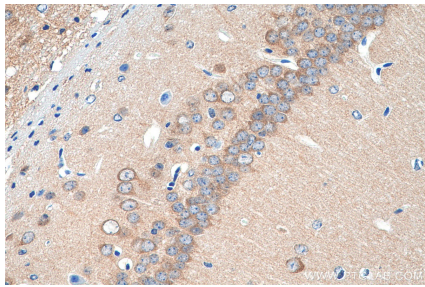
Selected Validation Data



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).