

For Research Use Only

# AK5 Polyclonal antibody

Catalog Number: 12510-2-AP

1 Publications



## Basic Information

Catalog Number:

12510-2-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 467 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3203

GenBank Accession Number:

BC012467

GeneID (NCBI):

26289

UNIPROT ID:

Q9Y6K8

Full Name:

adenylate kinase 5

Calculated MW:

63 kDa

Observed MW:

63 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:5000

IHC 1:50-1:500

IF-P 1:50-1:500

## Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, rat

**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, mouse cerebellum tissue, rat brain tissue

IHC : mouse brain tissue,

IF-P : mouse brain tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Yujie Lai	27288770	J Neurol Sci	WB,IF

## 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

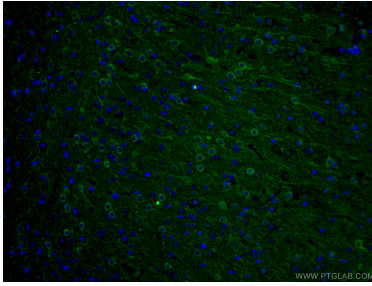
For technical support and original validation data for this product please contact:

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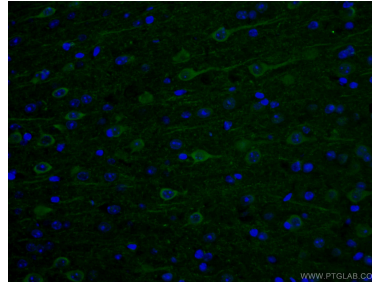
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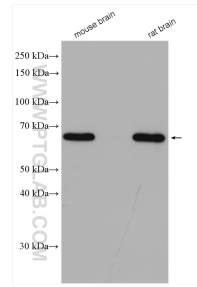
## Selected Validation Data



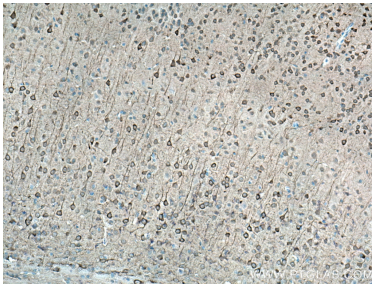
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 12510-2-AP (AK5 antibody) at dilution of 1:50 and Coralite488-Conjugated Goat Anti-Rabbit IgG(H+L).



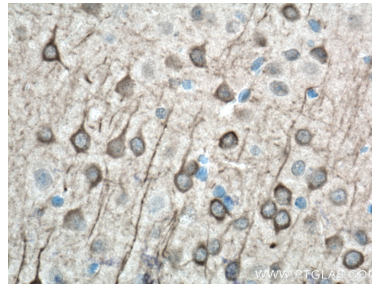
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 12510-2-AP (AK5 antibody) at dilution of 1:50 and Coralite488-Conjugated Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 12510-2-AP (AK5 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12510-2-AP (AK5 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12510-2-AP (AK5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).