

For Research Use Only

CDK5R2/p39 Polyclonal antibody

Catalog Number: 27058-1-AP

1 Publications



Basic Information

Catalog Number:

27058-1-AP

Size:

150ul, Concentration: 850 ug/ml by Nanodrop and 500 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25834

GenBank Accession Number:

BC041771

GeneID (NCBI):

8941

UNIPROT ID:

Q13319

Full Name:

cyclin-dependent kinase 5, regulatory subunit 2 (p39)

Observed MW:

39 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

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 : Neuro-2a cells, mouse brain tissue, rat brain tissue

IHC : mouse brain tissue,

Background Information

CDK5R2 is a neuron-specific activator of CDK5 kinase. It associates with CDK5 to form an active kinase. This protein and neuron-specific CDK5 activator CDK5R1/p39NCK5A both share limited similarity to cyclins, and thus may define a distinct family of cyclin-dependent kinase activating proteins.

Notable Publications

Author	Pubmed ID	Journal	Application
Yingmin Wu	38649860	BMC Cancer	WB,IHC

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

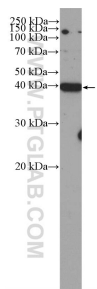
For technical support and original validation data for this product please contact:

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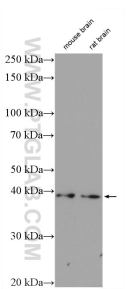
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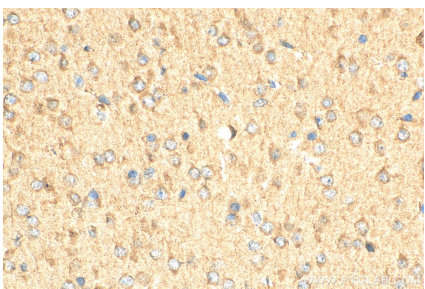
Selected Validation Data



Neuro-2a cells were subjected to SDS PAGE followed by western blot with 27058-1-AP (CDK5R2/p39 antibody at dilution of 1:600 incubated at 4 degree celsius over night.



various lysates were subjected to SDS PAGE followed by western blot with 27058-1-AP (CDK5R2/p39 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 27058-1-AP (CDK5R2/p39 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).