

For Research Use Only

# CAMK1D Polyclonal antibody

Catalog Number: 13613-1-AP

Featured Product

1 Publications



## Basic Information

Catalog Number:

13613-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4517

GenBank Accession Number:

BC035745

GeneID (NCBI):

57118

UNIPROT ID:

Q8IU85

Full Name:

calcium/calmodulin-dependent  
protein kinase ID

Calculated MW:

357 aa, 40 kDa

Observed MW:

38-42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

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 : mouse pancreas tissue, HeLa cells, mouse thymus  
tissue, rat pancreas tissue

IHC : mouse brain tissue, human pancreas tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Nehaben A Gujarati	39271683	Nat Commun	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:

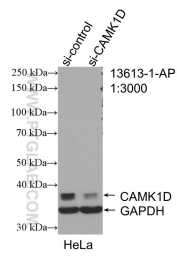
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

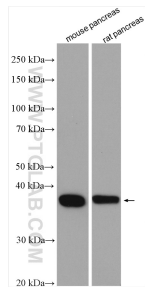
W: [ptgcn.com](http://ptgcn.com)

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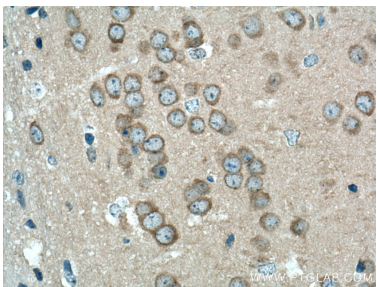
Selected Validation Data



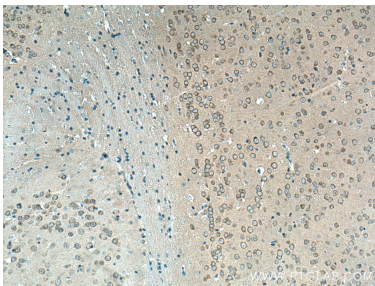
WB result of CAMK1D antibody (13613-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CAMK1D transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 13613-1-AP (CAMK1D antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13613-1-AP (CAMK1D antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13613-1-AP (CAMK1D antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).