

For Research Use Only

# CAMK1D Polyclonal antibody

Catalog Number: 13613-1-AP

Featured Product



## Basic Information

<b>Catalog Number:</b> 13613-1-AP	<b>GenBank Accession Number:</b> BC035745	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 57118	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> calcium/calmodulin-dependent protein kinase ID	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 357 aa, 40 kDa	
<b>Immunogen Catalog Number:</b> AG4517	<b>Observed MW:</b> 38-42 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

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

**IHC:** mouse brain tissue, human pancreas tissue

## Background Information

### 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

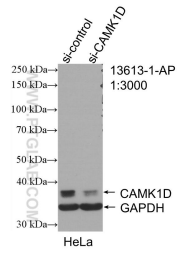
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

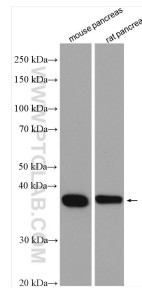
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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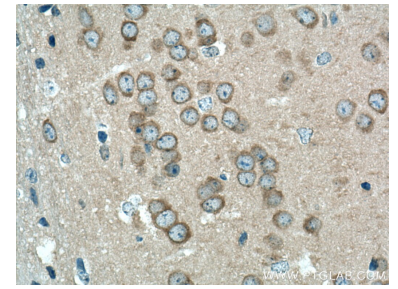
## Selected Validation Data



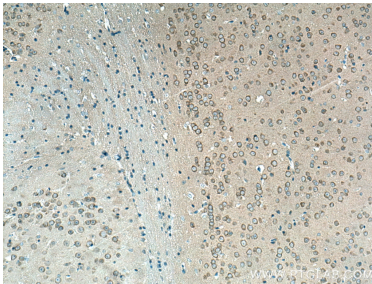
WB result of CAMK1D antibody (13613-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CAMK1D transfected HeLa cells.



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).