

For Research Use Only

# CaMKIV Polyclonal antibody

Catalog Number: 13263-1-AP **4 Publications**



## Basic Information

<b>Catalog Number:</b> 13263-1-AP	<b>GenBank Accession Number:</b> BC025687	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 550 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 814	<b>Recommended Dilutions:</b> WB 1:500-1:2400 IHC 1:100-1:400
<b>Source:</b> Rabbit	<b>Full Name:</b> calcium/calmodulin-dependent protein kinase IV	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 473 aa, 52 kDa	
<b>Immunogen Catalog Number:</b> AG3922	<b>Observed MW:</b> 65 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF, WB	WB : human cerebellum tissue, mouse thymus tissue
<b>Species Specificity:</b> human, mouse, rat	IHC : human ovary tumor tissue, human brain tissue
<b>Cited Species:</b> human, mouse, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Chao Li	26317901	Oncotarget	WB
Disi Bai	30542609	Toxicol Res (Camb)	WB
Qingying Tang	34127648	Cell Death Discov	WB, IF

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

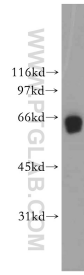
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

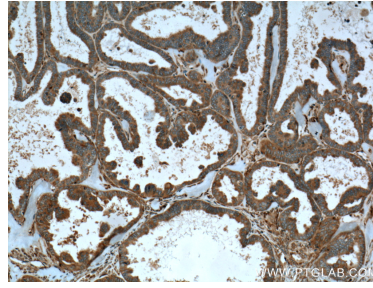
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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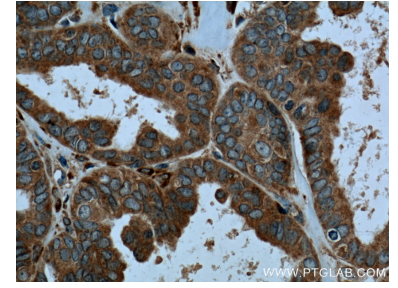
## Selected Validation Data



human cerebellum tissue were subjected to SDS PAGE followed by western blot with 13263-1-AP (CaMKIV antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 13263-1-AP (CaMKIV 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 human ovary tumor tissue slide using 13263-1-AP (CaMKIV antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).