

For Research Use Only

CaMKIV Polyclonal antibody

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



Basic Information

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

Applications

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|--|--|
| Tested Applications: IHC, WB, ELISA | Positive Controls: |
| Cited Applications: IF, WB | WB: human cerebellum tissue, mouse thymus tissue |
| Species Specificity: human, mouse, rat | IHC: human ovary tumor tissue, human brain tissue |
| Cited Species: 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

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 |

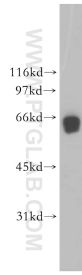
Storage

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

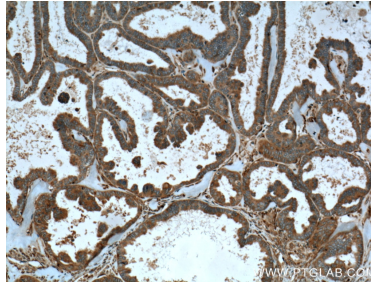
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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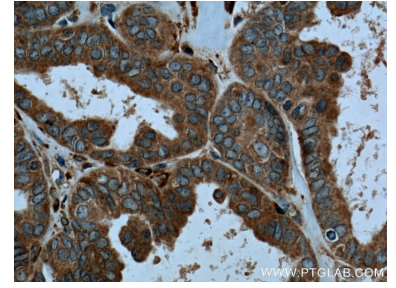
Selected Validation Data



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).