

For Research Use Only

# PRKD2 Polyclonal antibody

Catalog Number: 11623-1-AP

Featured Product

4 Publications



## Basic Information

### Catalog Number:

11623-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2192

### GenBank Accession Number:

BC025307

### GeneID (NCBI):

25865

### UNIPROT ID:

Q9BZL6

### Full Name:

protein kinase D2

### Calculated MW:

878 aa, 97 kDa

### Observed MW:

97 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, zebrafish

### Positive Controls:

WB: human brain tissue, HeLa cells, human kidney tissue

IP: HeLa cells,

IHC: human colon cancer tissue,

**Note-IHC: suggested antigen retrieval with *TE buffer pH 9.0*; (\*) Alternatively, antigen retrieval may be performed with *citrate buffer pH 6.0***

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiong Liu	36420836	J Physiol	WB,IF
Benjamin Roberts	34279659	J Cell Sci	WB
Ling Huang	38103725	Life Sci	WB,IF,IP

## 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

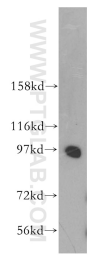
For technical support and original validation data for this product please contact:

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

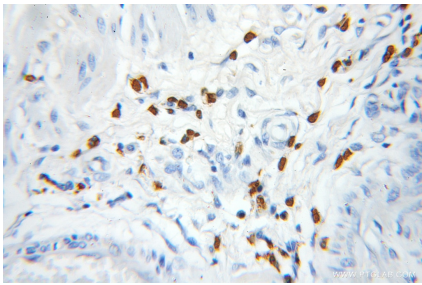
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

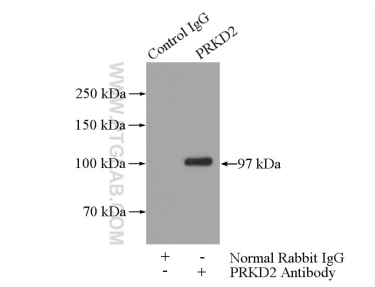
Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 11623-1-AP (PRKD2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 11623-1-AP (PRKD2 antibody) at dilution of 1:100 (under 10x lens).



IP result of anti-PRKD2 (IP:11623-1-AP, 4ug; Detection:11623-1-AP 1:500) with HeLa cells lysate 1200ug.