

For Research Use Only

# PRKD3 Polyclonal antibody

Catalog Number: 12785-1-AP

2 Publications



## Basic Information

### Catalog Number:

12785-1-AP

### Size:

150ul, Concentration: 367 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3499

### GenBank Accession Number:

BC030706

### GeneID (NCBI):

23683

### UNIPROT ID:

O94806

### Full Name:

protein kinase D3

### Calculated MW:

611aa, 68 kDa; 100 kDa; 890aa

### Observed MW:

68 kDa, 100 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IP, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human

### Positive Controls:

**WB**: DU 145 cells, HeLa cells, NIH/3T3 cells, C2C12 cells, Raji cells, Ramos cells

**IP**: HEK-293 cells,

**IHC**: human breast cancer tissue, 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
Chunlei Liu	36131026	Exp Mol Med	WB, IF, IP
Spencer Arnesen	37275275	NAR Cancer	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

\*\*\* 20ul sizes contain 0.1% BSA

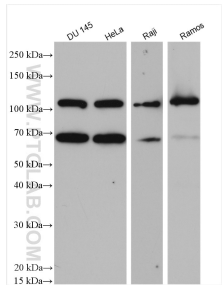
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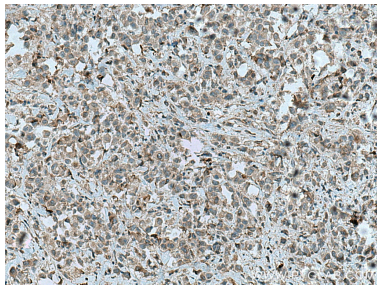
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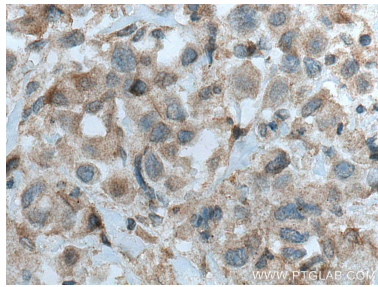
Selected Validation Data



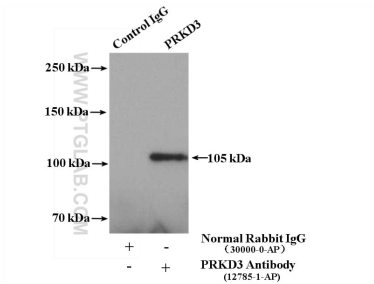
Various lysates were subjected to SDS PAGE followed by western blot with 12785-1-AP (PRKD3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12785-1-AP (PRKD3 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 breast cancer tissue slide using 12785-1-AP (PRKD3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-PRKD3 (IP:12785-1-AP, 4ug; Detection:12785-1-AP 1:300) with HEK-293 cells lysate 2800ug.