

# PRKD3 Polyclonal antibody

Catalog Number: 12785-1-AP

2 Publications

## Basic Information

## Catalog Number:

12785-1-AP

## Size:

367 µg/ml

## 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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

## Tested Applications:

IHC, IP, WB, ELISA

## Cited Applications:

WB, IP, IF

## Species Specificity:

human, mouse, rat

## Cited Species:

human

**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 : 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

## Background Information

### 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

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

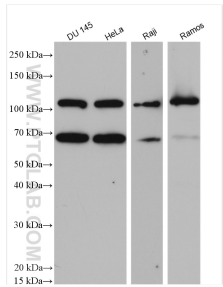
T: 4006900926

E: Proteintech-CN@ptglab.com

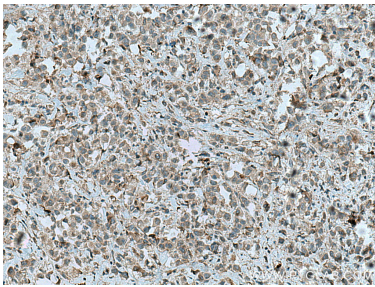
W: ptgcn.com

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

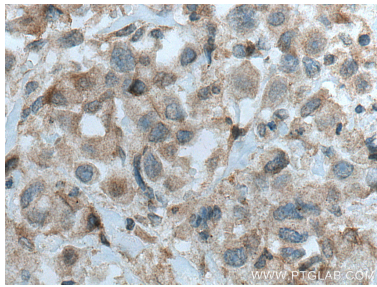
Selected Validation Data



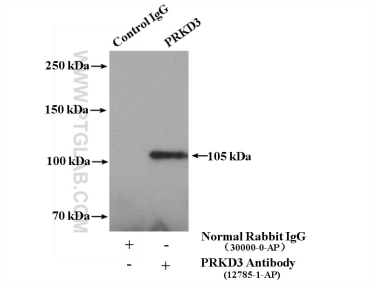
Various lysates were subjected to SDS PAGE followed by western blot with 12785-1-AP (PRKD3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.