

For Research Use Only

# PRKD3 Polyclonal antibody

Catalog Number: 12785-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 12785-1-AP	<b>GenBank Accession Number:</b> BC030706	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 367 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 23683	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> protein kinase D3	<b>IHC 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 611aa, 68 kDa; 100 kDa; 890aa	
<b>Immunogen Catalog Number:</b> AG3499	<b>Observed MW:</b> 68 kDa, 100 kDa	

## Applications

<b>Tested Applications:</b> IHC, IP, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF, IP, WB	<b>WB:</b> DU 145 cells, HeLa cells, NIH/3T3 cells, C2C12 cells, Raji cells, Ramos cells
<b>Species Specificity:</b> human, mouse, rat	<b>IP:</b> HEK-293 cells,
<b>Cited Species:</b> human	<b>IHC:</b> 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**

## 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

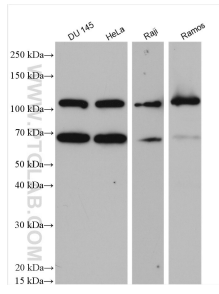
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

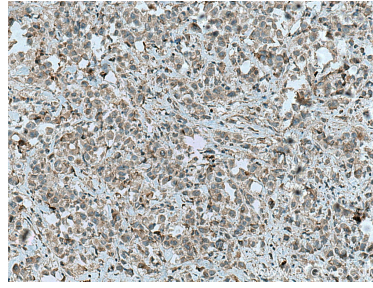
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

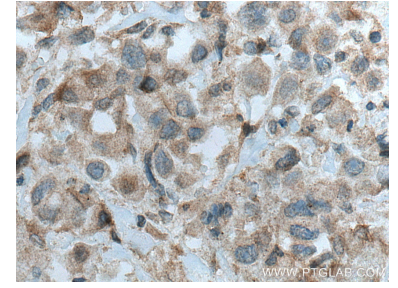
## Selected Validation Data



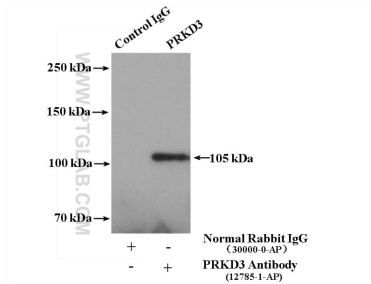
Various lysates were subjected to SDS PAGE followed by western blot with 12785-1-AP (PRKD3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.