

For Research Use Only

# PRKAR1B Polyclonal antibody

Catalog Number: 17991-1-AP



## Basic Information

<b>Catalog Number:</b> 17991-1-AP	<b>GenBank Accession Number:</b> BC026734	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 750 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5575	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> protein kinase, cAMP-dependent, regulatory, type I, beta	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 381 aa, 43 kDa	
<b>Immunogen Catalog Number:</b> AG12426	<b>Observed MW:</b> 45-50 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

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**

### Positive Controls:

WB : mouse brain tissue, Transfected HEK-293 cells, HeLa cells

IHC : human breast cancer tissue,

## Background Information

### 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

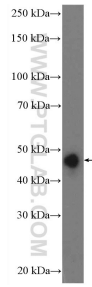
For technical support and original validation data for this product please contact:

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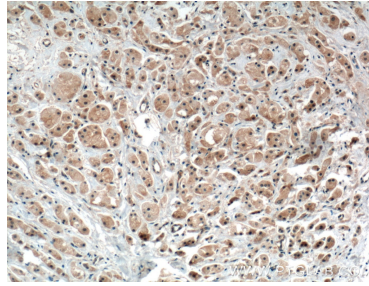
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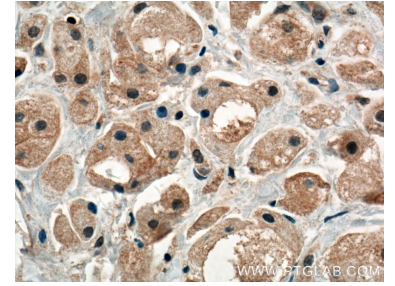
## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 17991-1-AP (PRKAR1B 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 17991-1-AP (PRKAR1B 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 17991-1-AP (PRKAR1B antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).