

For Research Use Only

PRKACA Polyclonal antibody

Catalog Number: 24503-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

24503-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21478

GenBank Accession Number:

BC039846

GeneID (NCBI):

5566

UNIPROT ID:

P17612

Full Name:

protein kinase, cAMP-dependent,
catalytic, alpha

Calculated MW:

41 kDa

Observed MW:

38-43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

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 : Neuro-2a cells, HeLa cells, SH-SY5Y cells, mouse
testis tissue, rat testis tissue

IHC : human breast cancer tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Mei-Xuan Wan	36299877	Front Pharmacol	WB
Kaiting Zhuang	39563422	Stem Cell Res Ther	WB
Chang Wang	39066891	Cell Mol Life Sci	WB,IF

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:

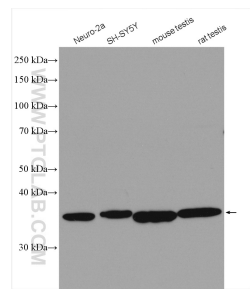
T: 4006900926

E: Proteintech-CN@ptglab.com

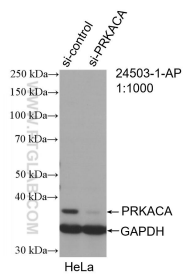
W: ptgcn.com

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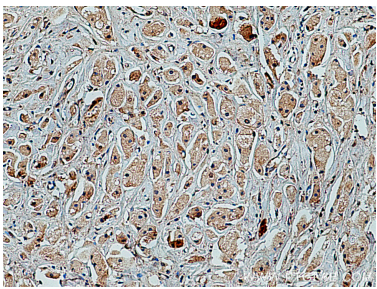
Selected Validation Data



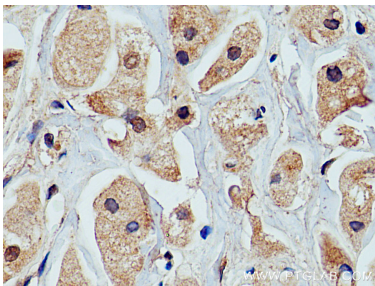
Various lysates were subjected to SDS PAGE followed by western blot with 24503-1-AP (PRKACA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of PRKACA antibody (24503-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PRKACA transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 24503-1-AP (PRKACA 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 24503-1-AP (PRKACA antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).