

For Research Use Only

PRKACA Polyclonal antibody

Catalog Number: 24503-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

24503-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

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,

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

*** 20ul sizes contain 0.1% BSA

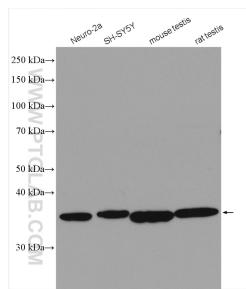
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

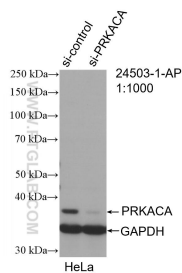
E: proteintech@ptglab.com
W: ptglab.com

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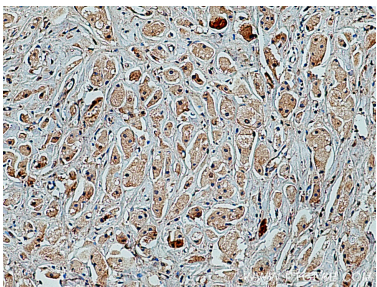
Selected Validation Data



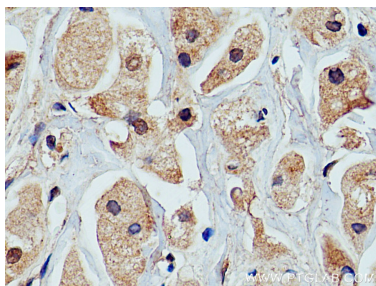
Various lysates were subjected to SDS PAGE followed by western blot with 24503-1-AP (PRKACA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).