

For Research Use Only

# RbAp46 Polyclonal antibody

Catalog Number: 20365-1-AP

Featured Product

7 Publications



## Basic Information

### Catalog Number:

20365-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_002893

### GeneID (NCBI):

5931

### UNIPROT ID:

Q16576

### Full Name:

retinoblastoma binding protein 7

### Calculated MW:

48 kDa

### Observed MW:

52 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:12000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:500-1:2000

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human

### Positive Controls:

WB : A431 cells, COS-7 cells, HEK-293T cells, HeLa cells

IP : A431 cells,

IHC : human breast cancer tissue, human cervical cancer tissue

IF/ICC : A431 cells,

**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

RBBP7, also named as RBAP46, belongs to the WD repeat RBAP46/RBAP48/MSI1 family. RBBP7 is a core histone-binding subunit that may target chromatin remodeling factors, histone acetyltransferases and histone deacetylases to their histone substrates in a manner that is regulated by nucleosomal DNA. It is a component of several complexes which regulate chromatin metabolism. The antibody is specific to RBBP7.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jianqing Wang	31636385	Oncogene	WB
Ning Yu	30546458	Oncol Lett	WB,IHC
Can Ma	29758199	Biochem Biophys Res Commun	WB,IHC

## 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

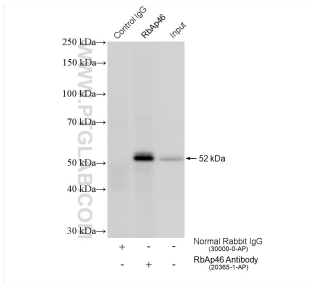
For technical support and original validation data for this product please contact:

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

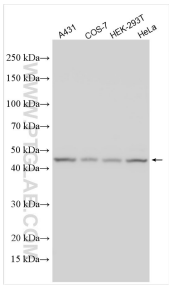
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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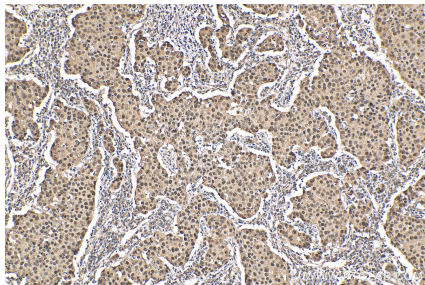
Selected Validation Data



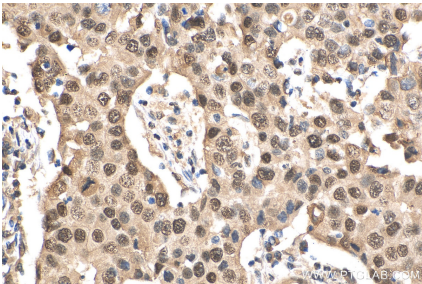
IP result of anti-RbAp46 (IP:20365-1-AP, 4ug; Detection:20365-1-AP 1:4000) with A431 cells lysate 2640 ug.



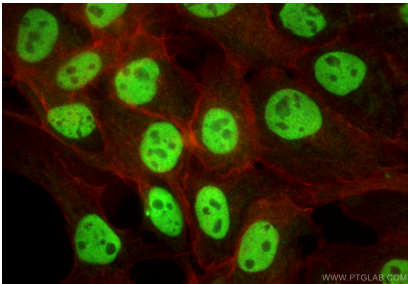
Various lysates were subjected to SDS PAGE followed by western blot with 20365-1-AP (RbAp46 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 20365-1-AP (RbAp46 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 20365-1-AP (RbAp46 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using RbAp46 antibody (20365-1-AP) at dilution of 1:1000 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).