

For Research Use Only

# RbAp46 Recombinant antibody

Catalog Number: 84330-1-RR



## Basic Information

Catalog Number:

84330-1-RR

Concentration:

1000 µg/ml

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:

Protein A purification

CloneNo.:

241189D6

Recommended Dilutions:

WB: 1:5000-1:50000

IHC: 1:1000-1:4000

IF/ICC: 1:200-1:800

FC (Intra): 0.25 µg per 10<sup>6</sup> cells in a 100 µl suspension

## Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), ELISA

Species Specificity:

human

**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: A431 cells, HeLa cells, HEK-293 cells, Jurkat cells, MCF-7 cells, SH-SY5Y cells

IHC: human rectal cancer tissue, human placenta tissue

IF/ICC: A431 cells,

FC (Intra): HeLa cells,

## 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.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

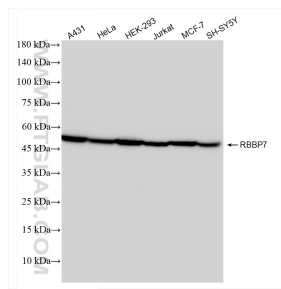
T: 4006900926

E: Proteintech-CN@ptglab.com

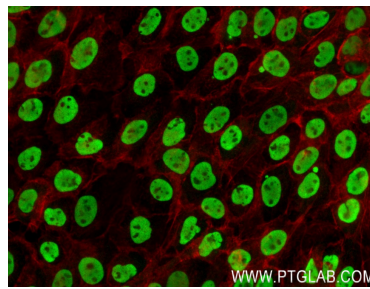
W: ptgcn.com

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

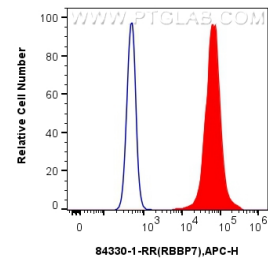
## Selected Validation Data



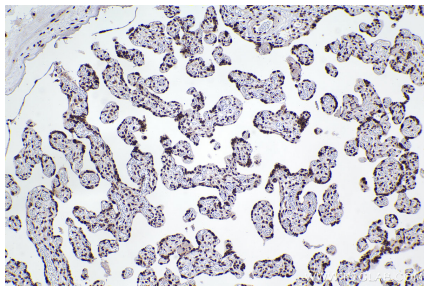
Various lysates were subjected to SDS PAGE followed by western blot with 84330-1-RR (RBBP7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



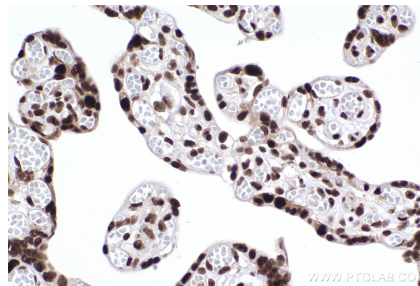
Immunofluorescent analysis of (4% PFA) fixed A431 cells using RBBP7 antibody (84330-1-RR, Clone: 241189D6) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



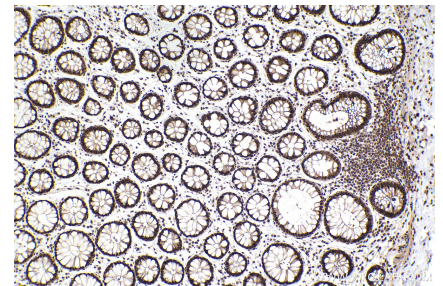
$1 \times 10^6$  HeLa cells were intracellularly stained with 0.25  $\mu$ g RBBP7 Recombinant antibody (84330-1-RR, Clone:241189D6) and Multi-rAb CoraLite® Plus 647-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR005)(red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100.



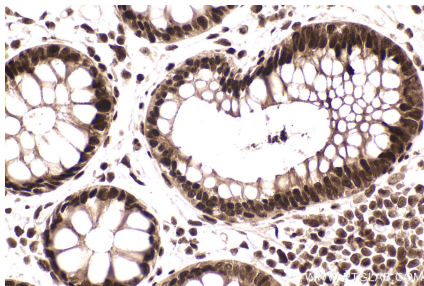
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 84330-1-RR (RBBP7 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 84330-1-RR (RBBP7 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissue slide using 84330-1-RR (RBBP7 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissue slide using 84330-1-RR (RBBP7 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).