

For Research Use Only

RBBP6 Polyclonal antibody

Catalog Number: 11882-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

11882-1-AP

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2484

GenBank Accession Number:

BC029352

GeneID (NCBI):

5930

UNIPROT ID:

Q7Z6E9

Full Name:

retinoblastoma binding protein 6

Calculated MW:

1792 aa, 200 kDa

Observed MW:

250 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:250-1:1000

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : Jurkat cells, HEK-293 cells, MCF-7 cells

IHC : human placenta tissue, human rectal cancer tissue, mouse kidney tissue

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

RBBP6 (retinoblastoma binding protein 6) is a multifunctional protein that interacts with both p53 and pRb and has been implicated in mRNA processing. It has also been identified as a putative E3 ubiquitin ligase due to the presence of a RING finger domain [PMID:18851979]. RBBP6 contains an N-terminal ubiquitin-like domain and a cysteine-rich RING finger-like domain, through which it promotes the ubiquitination of p53 by Hdm2 in an E4-like manner [PMID:17470788]. It is implicated in a diverse set of cellular functions, including mRNA metabolism, regulation of the cell cycle, tumorigenesis, and development [PMID:12938151,17470788].

Notable Publications

Author	Pubmed ID	Journal	Application
Christopher Noyes	36653474	Commun Biol	WB
Zhouyuan Du	39398252	iScience	WB

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:

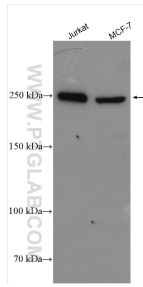
T: 4006900926

E: Proteintech-CN@ptglab.com

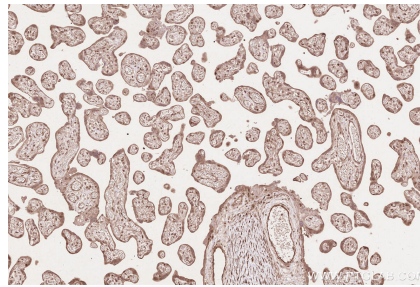
W: ptgcn.com

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

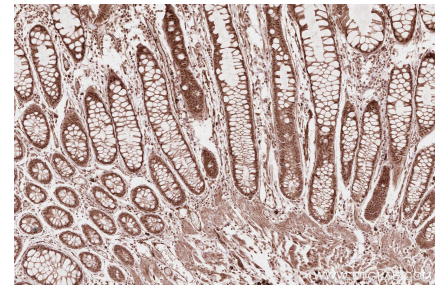
Selected Validation Data



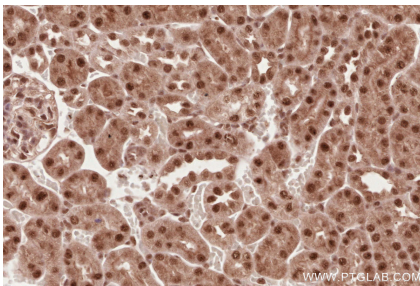
Various lysates were subjected to SDS PAGE followed by western blot with 11882-1-AP (RBBP6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 11882-1-AP (RBBP6 antibody) at dilution of 1:500 (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 11882-1-AP (RBBP6 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 11882-1-AP (RBBP6 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).