

For Research Use Only

RBP7 Polyclonal antibody

Catalog Number: 14541-1-AP

1 Publications



Basic Information

Catalog Number:

14541-1-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6045

GenBank Accession Number:

BC063013

GeneID (NCBI):

116362

UNIPROT ID:

Q96R05

Full Name:

retinol binding protein 7, cellular

Calculated MW:

15.5 kDa

Observed MW:

15-18 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:200-1:800

IF-P 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IF-P, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

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 : HEK-293 cells, mouse adipose tissue

IP : HEK-293 cells,

IHC : human colon cancer tissue, human kidney tissue

IF-P : human kidney tissue, human colon cancer tissue

IF/ICC : HEK-293 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Yue Yu	38553715	Cancer Cell Int	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

*** 20ul sizes contain 0.1% BSA

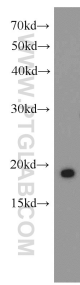
For technical support and original validation data for this product please contact:

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

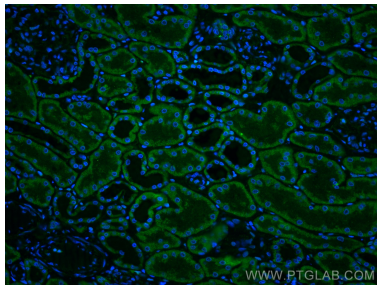
E: proteintech@ptglab.com
W: ptglab.com

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

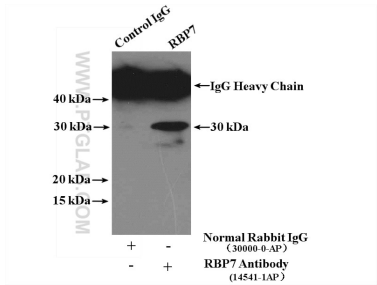
Selected Validation Data



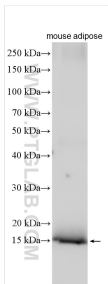
HEK-293 cells were subjected to SDS PAGE followed by western blot with 14541-1-AP (RBP7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



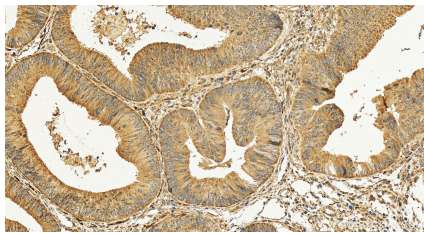
Immunofluorescent analysis of (4% PFA) fixed human kidney tissue using RBP7 antibody (14541-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-RBP7 (IP:14541-1-AP, 4ug; Detection:14541-1-AP 1:500) with HEK-293 cells lysate 3000ug.



mouse adipose tissue were subjected to SDS PAGE followed by western blot with 14541-1-AP (RBP7 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14541-1-AP (RBP7 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using RBP7 antibody (14541-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).