

For Research Use Only

RP2 Polyclonal antibody

Catalog Number: 14151-1-AP

2 Publications



Basic Information

Catalog Number:

14151-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 207 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5332

GenBank Accession Number:

BC043348

GeneID (NCBI):

6102

UNIPROT ID:

O75695

Full Name:

retinitis pigmentosa 2 (X-Linked recessive)

Calculated MW:

350 aa, 40 kDa

Observed MW:

37-40 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 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

mouse

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 : HepG2 cells, Jurkat cells, Y79 cells, mouse liver tissue

IP : Y79 cells,

IHC : human liver cancer tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Tess A V Afanasyeva	34420069	Cell Mol Life Sci	IHC
Stefan Kurtenbach	28814779	Sci Rep	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

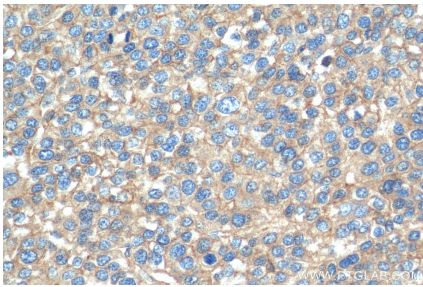
For technical support and original validation data for this product please contact:

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

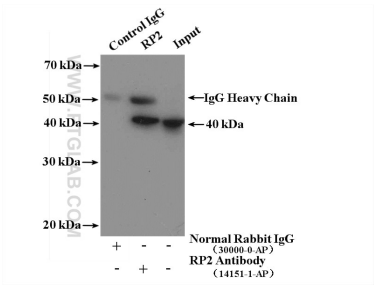
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14151-1-AP (RP2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-RP2 (IP:14151-1-AP, 4ug; Detection:14151-1-AP 1:500) with Y79 cells lysate 2000ug.