

For Research Use Only

PTPRA Polyclonal antibody

Catalog Number: 13079-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

13079-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 373 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3760

GenBank Accession Number:

BC027308

GeneID (NCBI):

5786

UNIPROT ID:

P18433

Full Name:

protein tyrosine phosphatase, receptor type, A

Calculated MW:

793 aa, 91 kDa

Observed MW:

90-105 kDa, 140 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 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IP, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, 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 : A431 cells, rat liver tissue, MCF-7 cells, SKOV-3 cells

IP : A431 cells,

IHC : human lung cancer tissue, human urothelial carcinoma tissue, mouse heart tissue, mouse kidney tissue, rat kidney tissue

IF/ICC : A431 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Siliang Wei	31160270	EBioMedicine	WB
Canfeng Lin	32934700	Oncol Lett	WB
Sho Sendo	37402225	Sci Signal	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

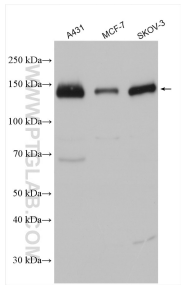
For technical support and original validation data for this product please contact:

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

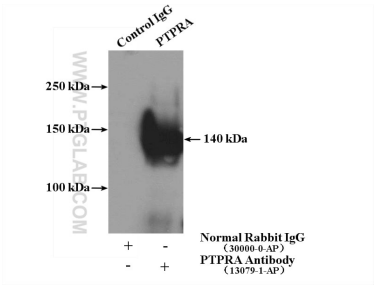
E: proteintech@ptglab.com
W: ptglab.com

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

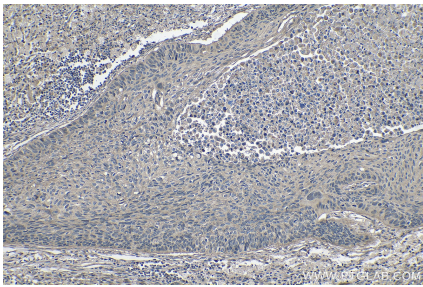
Selected Validation Data



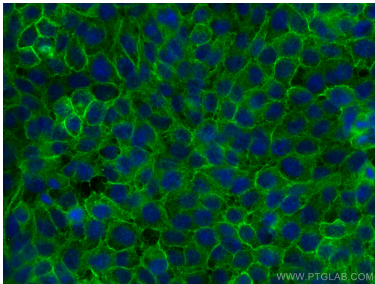
Various lysates were subjected to SDS PAGE followed by western blot with 13079-1-AP (PTPRA antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP result of anti-PTPRA (IP:13079-1-AP, 4ug; Detection:13079-1-AP 1:300) with A431 cells lysate 2400ug.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 13079-1-AP (PTPRA antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using PTPRA antibody (13079-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).