

For Research Use Only

PTPRA Polyclonal antibody

Catalog Number: 13079-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 13079-1-AP	GenBank Accession Number: BC027308	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 600 µg/ml by Nanodrop and 373 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5786	Recommended Dilutions: WB 1:2000-1:12000 IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: protein tyrosine phosphatase, receptor type, A	
Isotype: IgG	Calculated MW: 793 aa, 91 kDa	
Immunogen Catalog Number: AG3760	Observed MW: 90-105 kDa, 140 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	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 : A431 cells,
Cited Applications: IF, IP, WB	
Species Specificity: human, rat, mouse	
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	

Background Information

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

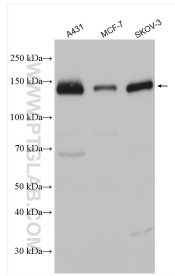
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

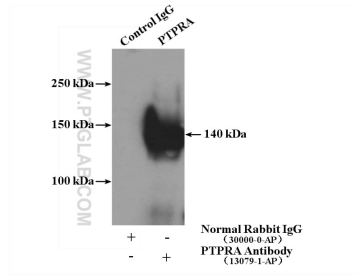
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

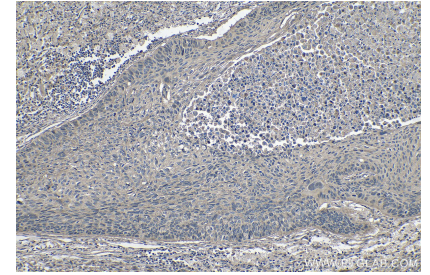
Selected Validation Data



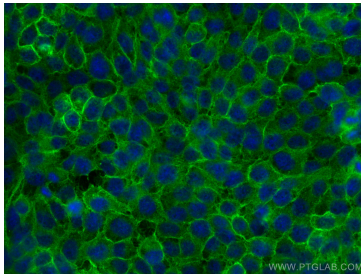
Various lysates were subjected to SDS PAGE followed by western blot with 13079-1-AP (PTPRA antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



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



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



Immunofluorescent analysis of (-20 $^{\circ}$ C Ethanol) fixed A431 cells using PTPRA antibody (13079-1-AP) at dilution of 1:200 and CoraLite $^{\circledR}$ 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).