

For Research Use Only

PPFIBP1 Polyclonal antibody

Catalog Number: 13961-1-AP **1 Publications**



Basic Information

Catalog Number: 13961-1-AP	GenBank Accession Number: BC050281	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 450 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8496	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: PTPRF interacting protein, binding protein 1 (liprin beta 1)	IHC 1:20-1:200 IF 1:50-1:500
Isotype: IgG	Calculated MW: 1011 aa, 114 kDa	
Immunogen Catalog Number: AG4884	Observed MW: 114 kDa	

Applications

Tested Applications: FC, IF, IHC, IP, WB, ELISA	Positive Controls: WB : HepG2 cells, DU 145 cells
Cited Applications: IF	IP : HepG2 cells,
Species Specificity: human, mouse, rat	IHC : human colon cancer tissue,
Cited Species: human	IF : HepG2 cells,

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
Xingchen Li	37339751	Open Biol	IF

Storage

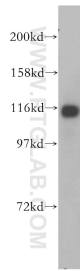
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

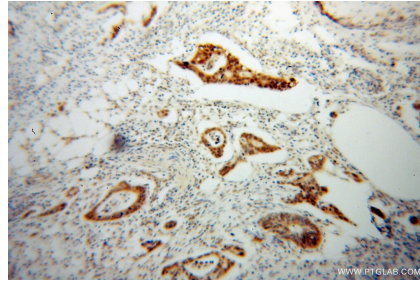
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

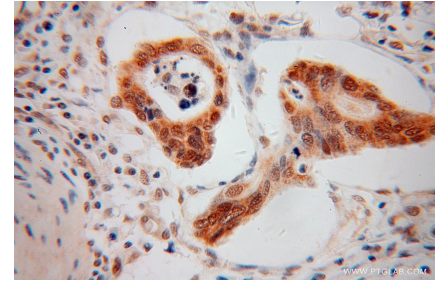
Selected Validation Data



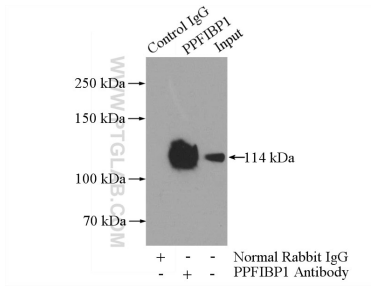
HepG2 cells were subjected to SDS PAGE followed by western blot with 13961-1-AP (PPFIBP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



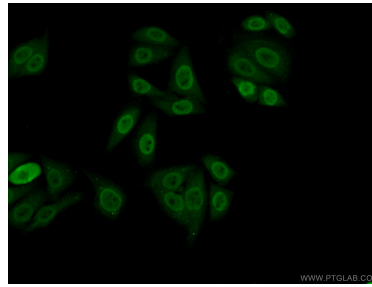
Immunohistochemical analysis of paraffin-embedded human colon cancer using 13961-1-AP (PPFIBP1 antibody) at dilution of 1:100 (under 10x lens).



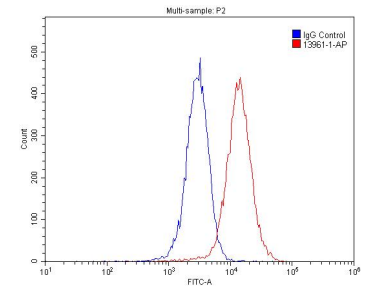
Immunohistochemical analysis of paraffin-embedded human colon cancer using 13961-1-AP (PPFIBP1 antibody) at dilution of 1:100 (under 40x lens).



IP Result of anti-PPFIBP1 (IP:13961-1-AP, 4ug; Detection:13961-1-AP 1:500) with HepG2 cells lysate 2400ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 13961-1-AP (PPFIBP1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 HepG2 cells were stained with .2ug PPFIBP1 antibody (13961-1-AP, red) and control antibody (blue). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500. Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100.