

For Research Use Only

HBXIP Polyclonal antibody

Catalog Number: 14492-1-AP

Featured Product

11 Publications



Basic Information

Catalog Number: 14492-1-AP	GenBank Accession Number: BC062619	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10542	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: hepatitis B virus x interacting protein	
Isotype: IgG	Calculated MW: 10 kDa	
Immunogen Catalog Number: AG5894	Observed MW: 12 kDa	

Applications

Tested Applications:

FC, IHC, WB, ELISA

Cited Applications:

IF, IHC, IP, WB

Species Specificity:

human, mouse, rat

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 : K-562 cells, U2OS cells

IHC : human hepatocirrhosis tissue, human breast cancer tissue, human heart tissue, human liver cancer tissue

Background Information

HBXIP, also named as XIP, belongs to the HBXIP family. It is originally identified by its interaction with the C-terminus of hepatitis B virus (HBV) X protein (HBx). HBXIP is a regulator of centrosome dynamics and cytokinesis. HBXIP is able to up-regulate S100A4 through activating STAT4 and inducing DNA methylation of PTEN.

Notable Publications

Author	Pubmed ID	Journal	Application
Lujing Wang	31540429	Molecules	WB
Xing Fang	33244453	Front Oncol	WB
Honggang Xia	29218243	Am J Cancer Res	WB,IHC

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

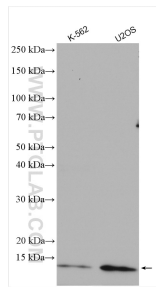
For technical support and original validation data for this product please contact:

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

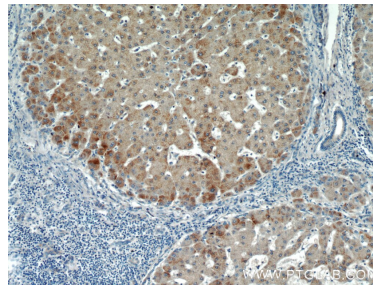
E: proteintech@ptglab.com
W: ptglab.com

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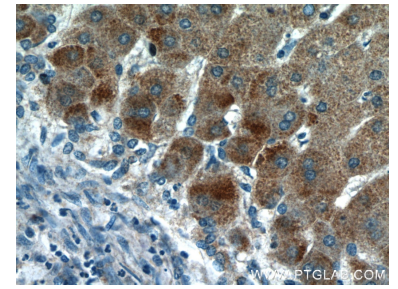
Selected Validation Data



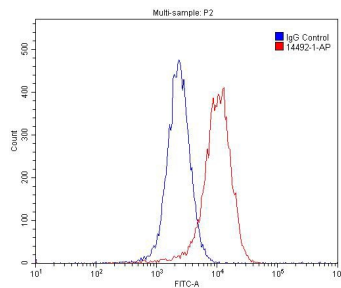
Various lysates were subjected to SDS PAGE followed by western blot with 14492-1-AP (HBXIP antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 14492-1-AP (HBXIP antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 14492-1-AP (HBXIP antibody) at dilution of 1:50 (under 40x lens).



1X10⁶ MCF-7 cells were stained with 0.2ug HBXIP antibody (14492-1-AP, red) and control antibody (blue). Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100. Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.