

For Research Use Only

HBXIP Polyclonal antibody

Catalog Number: 14492-1-AP

Featured Product

11 Publications



Basic Information

Catalog Number:

14492-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 220 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5894

GenBank Accession Number:

BC062619

GeneID (NCBI):

10542

UNIPROT ID:

O43504

Full Name:

hepatitis B virus x interacting protein

Calculated MW:

10 kDa

Observed MW:

12 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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, IHC, FC (Intra), IP, ELISA

Cited Applications:

WB, IHC, IF, IP

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

IP : K-562 cells,

IHC : human breast 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

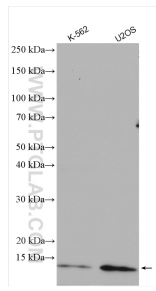
For technical support and original validation data for this product please contact:

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

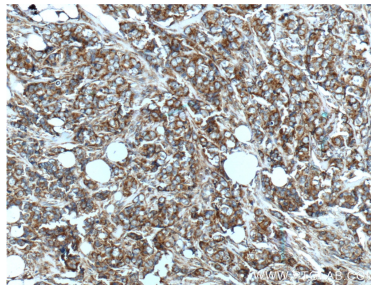
E: proteintech@ptglab.com
W: ptglab.com

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

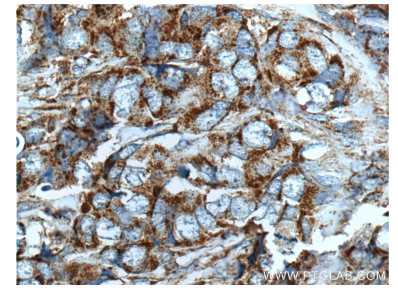
Selected Validation Data



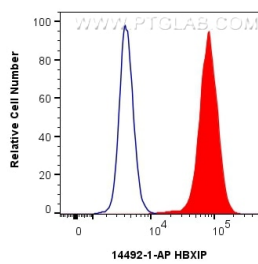
Various lysates were subjected to SDS PAGE followed by western blot with 14492-1-AP (HBXIP antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



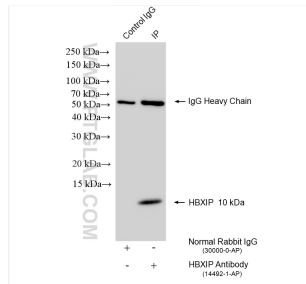
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14492-1-AP (HBXIP Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14492-1-AP (HBXIP Antibody) at dilution of 1:200 (under 40x lens).



1×10^6 MCF-7 cells were intracellularly stained with 0.8 ug HBXIP Polyclonal antibody (14492-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.8 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



IP result of anti-HBXIP (IP:14492-1-AP, 4ug; Detection:14492-1-AP 1:300) with K-562 cells lysate 1600 ug.