

For Research Use Only

HIP1 Monoclonal antibody

Catalog Number: 67163-1-Ig **Featured Product**



Basic Information

Catalog Number: 67163-1-Ig	GenBank Accession Number: BC110545	Purification Method: Protein G purification
Size: 150ul , Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3092	CloneNo.: 3D3G3
Source: Mouse	Full Name: huntingtin interacting protein 1	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:150-1:600 IF 1:200-1:800
Isotype: IgG1	Calculated MW: 1037 aa, 116 kDa	
Immunogen Catalog Number: AG17982	Observed MW: 110-120 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

Human, mouse, pig

**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 : HeLa cells, pig brain tissue, mouse brain tissue,
A549 cells, PC-3 cells

IHC : human colon cancer tissue, human prostate
cancer tissue

IF : human colon cancer tissue,

Background Information

HIP1 (huntingtin interacting protein-1) is an endocytic protein that plays a role in clathrin-mediated endocytosis and trafficking. HIP1 can interact with huntingtin (HTT) protein whose mutations cause Huntington's disease (HD), thus gets involved in neurodegeneration. By stabilizing receptor tyrosine kinases following ligand-induced endocytosis, HIP1 may act to promote cell survival. HIP1 is overexpressed in a variety of human cancers and may be a potential predictor for cancer progression and prognosis.

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**

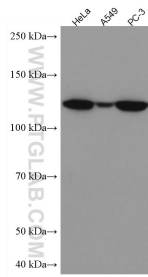
For technical support and original validation data for this product please contact:

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

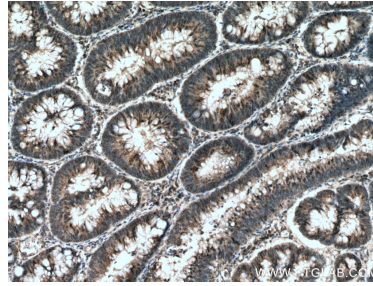
E: proteintech@ptglab.com
W: ptglab.com

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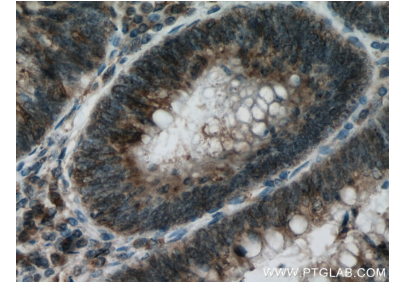
Selected Validation Data



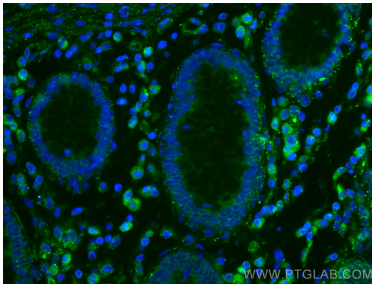
Various lysates were subjected to SDS PAGE followed by western blot with 67163-1-Ig (HIP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



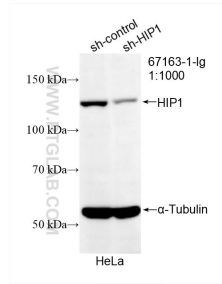
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67163-1-Ig (HIP1 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67163-1-Ig (HIP1 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using HIP1 antibody (67163-1-Ig, Clone: 3D3G3) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



WB result of HIP1 antibody (67163-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HIP1 transfected HeLa cells.