

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: 1800 µg/ml	GeneID (NCBI): 3092	CloneNo.: 3D3G3
Source: Mouse	UNIPROT ID: O00291	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:150-1:600 IF 1:200-1:800
Isotype: IgG1	Full Name: huntingtin interacting protein 1	
Immunogen Catalog Number: AG17982	Calculated MW: 1037 aa, 116 kDa	
	Observed MW: 110-120 kDa	

Applications

Tested Applications:

IF-P, 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

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

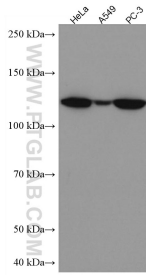
T: 4006900926

E: Proteintech-CN@ptglab.com

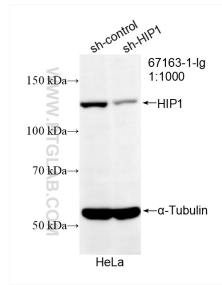
W: ptgcn.com

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

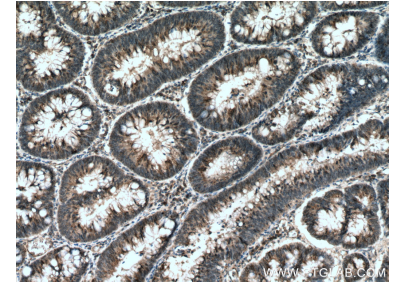
Selected Validation Data



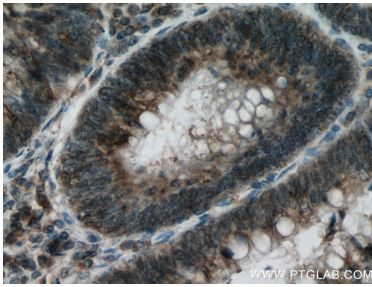
Various lysates were subjected to SDS PAGE followed by western blot with 67163-1-Ig (HIP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



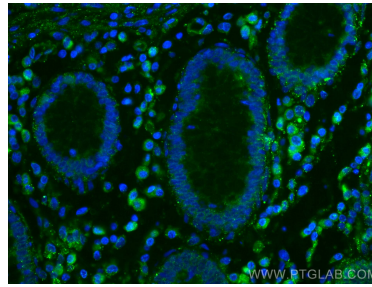
WB result of HIP1 antibody (67163-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HIP1 transfected HeLa cells.



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).