

# HIP1 Monoclonal antibody

Catalog Number: 67163-1-Ig

Featured Product

## Basic Information

## Catalog Number:

67163-1-Ig

## Size:

1800 µg/ml

## Source:

Mouse

## Isotype:

IgG1

## Immunogen Catalog Number:

AG17982

## GenBank Accession Number:

BC110545

## GeneID (NCBI):

3092

## UNIPROT ID:

O00291

## Full Name:

huntingtin interacting protein 1

## Calculated MW:

1037 aa, 116 kDa

## Observed MW:

110-120 kDa

## Purification Method:

Protein G purification

## CloneNo.:

3D3G3

## Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:150-1:600

IF-P 1:200-1:800

## 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-P** : 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:

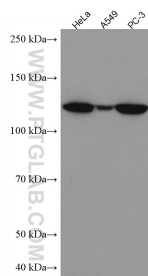
T: 4006900926

E: Proteintech-CN@ptglab.com

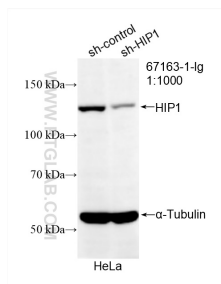
W: ptgcn.com

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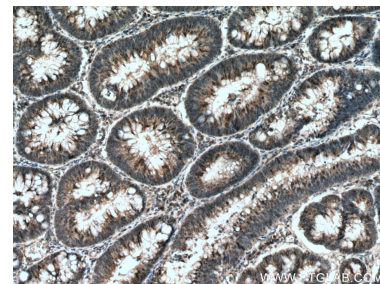
## Selected Validation Data



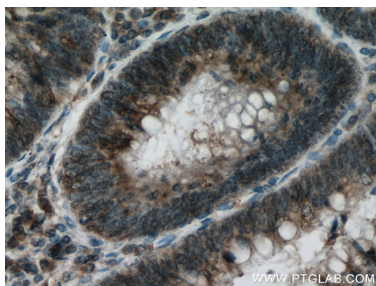
Various lysates were subjected to SDS PAGE followed by western blot with 67163-1-Ig (HIP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



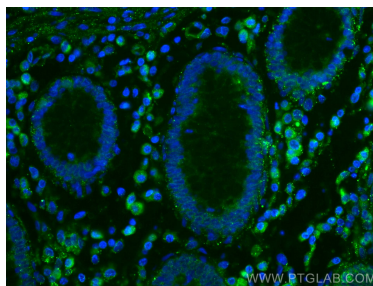
WB result of HIP1 antibody (67163-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HIP1 transfected HeLa cells.



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).