

For Research Use Only

# HIBADH Polyclonal antibody

Catalog Number: 13466-1-AP

Featured Product

2 Publications



## Basic Information

**Catalog Number:**  
13466-1-AP

**Size:**  
150ul, Concentration: 600 µg/ml by Nanodrop and 253 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG4258

**GenBank Accession Number:**  
BC032324

**GeneID (NCBI):**  
11112

**Full Name:**  
3-hydroxyisobutyrate dehydrogenase

**Calculated MW:**  
336 aa, 35 kDa

**Observed MW:**  
32-35 kDa

**Purification Method:**  
Antigen affinity purification

**Recommended Dilutions:**  
WB 1:500-1:2000  
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB  
IHC 1:100-1:1000

## Applications

**Tested Applications:**  
IHC, IP, WB, ELISA

**Cited Applications:**  
WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human, mouse

**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:** HEK-293 cells, mouse ovary tissue, mouse thymus tissue, mouse heart tissue, rat heart tissue

**IP:** mouse heart tissue,

**IHC:** human liver cancer tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Cholsoon Jang	26950361	Nat Med	WB
Yuan Wang	24658151	PLoS One	WB

## 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

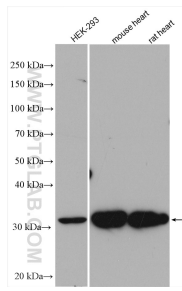
For technical support and original validation data for this product please contact:

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

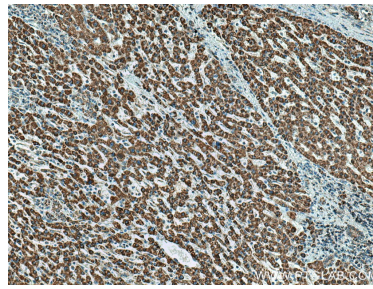
E: proteintech@ptglab.com  
W: ptglab.com

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

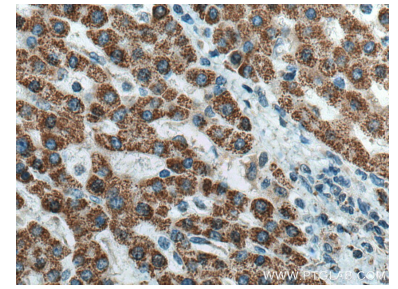
## Selected Validation Data



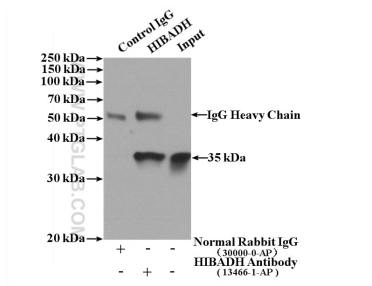
Various lysates were subjected to SDS PAGE followed by western blot with 13466-1-AP (HIBADH antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13466-1-AP (HIBADH antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13466-1-AP (HIBADH antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-HIBADH (IP:13466-1-AP, 4 $\mu$ g; Detection:13466-1-AP 1:800) with mouse heart tissue lysate 4000 $\mu$ g.