

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 ug/ml by Nanodrop and 253 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4258

GenBank Accession Number:

BC032324

GeneID (NCBI):

11112

UNIPROT ID:

P31937

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 1.0-3.0 mg of total protein lysate

IHC: 1:100-1:1000

Applications

Tested Applications:

WB, IP, IHC, 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,

Notable Publications

Author	Pubmed ID	Journal	Application
Cholsoo 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, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

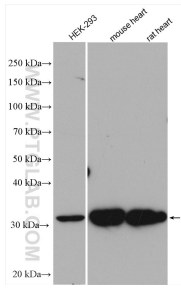
For technical support and original validation data for this product please contact:

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

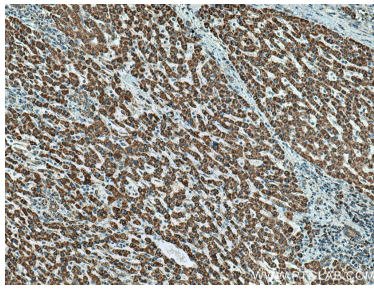
E: proteintech@ptglab.com
W: ptglab.com

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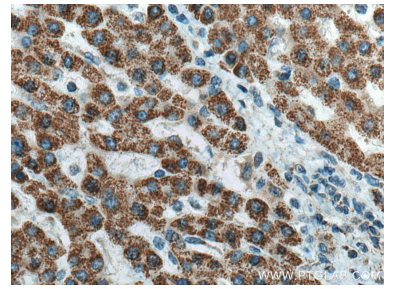
Selected Validation Data



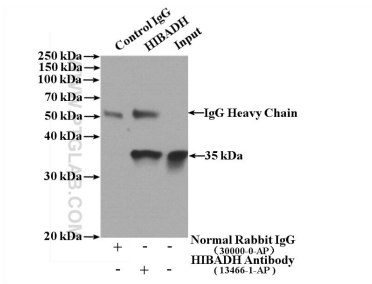
Various lysates were subjected to SDS PAGE followed by western blot with 13466-1-AP (HIBADH antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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 (H1BADH 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, 4ug; Detection:13466-1-AP 1:800) with mouse heart tissue lysate 4000ug.