

For Research Use Only

# HPD Polyclonal antibody

Catalog Number: 17004-1-AP

Featured Product

1 Publications



## Basic Information

Catalog Number:

17004-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10700

GenBank Accession Number:

BC024287

GeneID (NCBI):

3242

UNIPROT ID:

P32754

Full Name:

4-hydroxyphenylpyruvate  
dioxygenase

Calculated MW:

393 aa, 45 kDa

Observed MW:

40-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:50-1:500

IF 1:20-1:200

## Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

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 : HepG2 cells, mouse liver tissue, rat liver tissue

IHC : human liver tissue,

IF : HepG2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Zhenhong Guo	37698892	Nephrol Dial Transplant	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

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

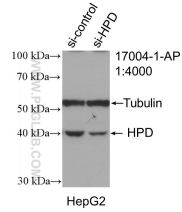
T: 4006900926

E: Proteintech-CN@ptglab.com

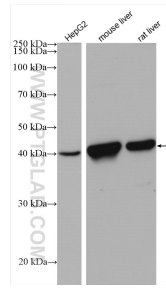
W: ptgcn.com

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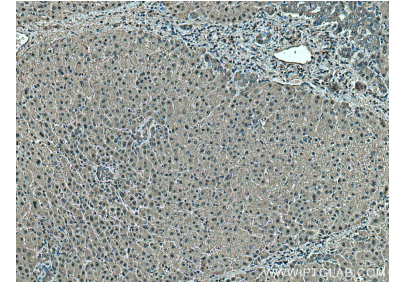
## Selected Validation Data



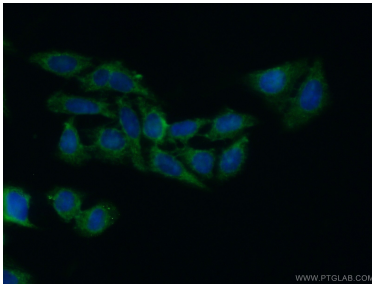
WB result of HPD antibody (17004-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HPD transfected HepG2 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 17004-1-AP (HPD antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 17004-1-AP (HPD antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 17004-1-AP (HPD antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).