

For Research Use Only

# HPDL Polyclonal antibody

Catalog Number: 20777-1-AP

1 Publications



## Basic Information

### Catalog Number:

20777-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 247 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG14773

### GenBank Accession Number:

BC007293

### GeneID (NCBI):

84842

### UNIPROT ID:

Q96IR7

### Full Name:

4-hydroxyphenylpyruvate dioxygenase-like

### Calculated MW:

371 aa, 39 kDa

### Observed MW:

35-39 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:20-1:200

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB

### Species Specificity:

human

### Cited Species:

human

**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, L02 cells

IHC : human stomach tissue, human colon tissue

IF/ICC : Caco-2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Yuanxuan Ma	39427829	Gene	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

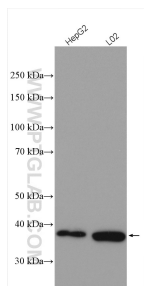
For technical support and original validation data for this product please contact:

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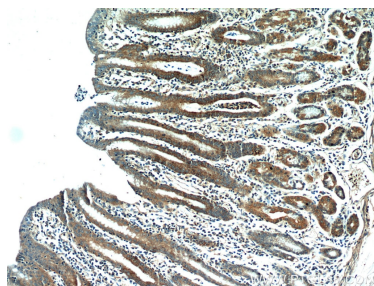
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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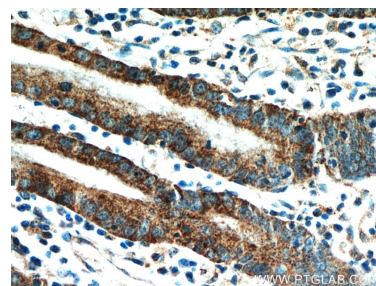
## Selected Validation Data



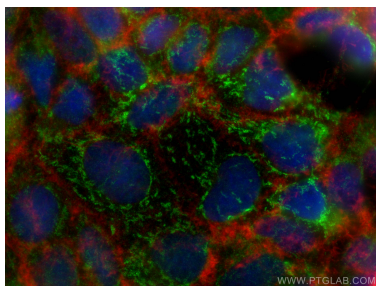
Various lysates were subjected to SDS PAGE followed by western blot with 20777-1-AP (HPDL antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach using 20777-1-AP (HPDL antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human stomach using 20777-1-AP (HPDL antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed Caco-2 cells using HPDL antibody (20777-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).