

For Research Use Only

# HSD17B1 Polyclonal antibody

Catalog Number: 25334-1-AP

5 Publications



## Basic Information

### Catalog Number:

25334-1-AP

### Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG17886

### GenBank Accession Number:

BC104752

### GeneID (NCBI):

3292

### UNIPROT ID:

P14061

### Full Name:

hydroxysteroid (17-beta) dehydrogenase 1

### Calculated MW:

328 aa, 35 kDa

### Observed MW:

35 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:500-1:2000

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human

### Cited Species:

human, mouse

### Positive Controls:

WB: human placenta tissue,

IP: human placenta tissue,

IHC: human placenta tissue, human colon cancer tissue, human endometrial cancer tissue, human kidney tissue

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Notable Publications

Author	Pubmed ID	Journal	Application
Jingyi Wen	39410876	Gut Microbes	IHC
Jiayuan Qu	38977086	Sci Total Environ	WB
Limei Yang	38735936	J Nanobiotechnology	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

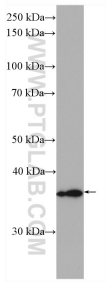
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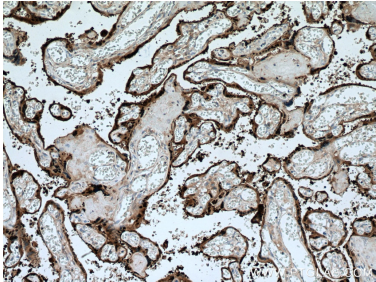
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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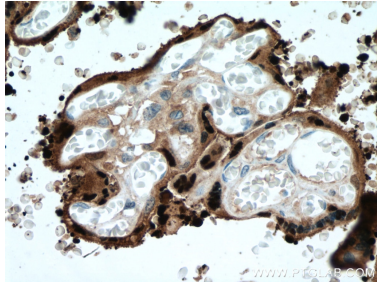
Selected Validation Data



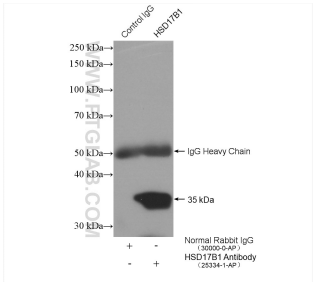
human placenta tissue were subjected to SDS PAGE followed by western blot with 25334-1-AP (HSD17B1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



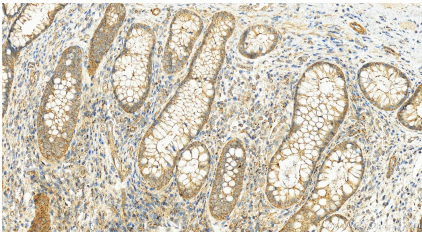
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 25334-1-AP (HSD17B1 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 25334-1-AP (HSD17B1 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-HSD17B1 (IP:25334-1-AP, 4ug; Detection:25334-1-AP 1:500) with human placenta tissue lysate 2600 ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 25334-1-AP (HSD17B1 antibody) at dilution of 1:1200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).