

For Research Use Only

# CYP11A1 Monoclonal antibody

Catalog Number: 67264-1-Ig

Featured Product

6 Publications



## Basic Information

**Catalog Number:**

67264-1-Ig

**GenBank Accession Number:**

BC032329

**Purification Method:**

Protein A purification

**Size:**

150ul, Concentration: 1000 ug/ml by Nanodrop and 500 ug/ml by Bradford method using BSA as the standard;

**GeneID (NCBI):**

1583

**CloneNo.:**

1C5D5

**Source:**

Mouse

**UNIPROT ID:**

P05108

**Recommended Dilutions:**

WB 1:5000-1:50000

IHC 1:500-1:2000

**Isotype:**

IgG1

**Full Name:**

cytochrome P450, family 11, subfamily A, polypeptide 1

**Calculated MW:**

521 aa, 60 kDa

**Immunogen Catalog Number:**

AG4353

**Observed MW:**

49-52 kDa

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Positive Controls:**

WB: LNCaP cells, HepG2 cells, SiHa cells, HeLa cells, Caco-2 cells. human placenta tissue, human testis tissue, rat testis tissue, mouse testis tissue

**Cited Applications:**

WB, IHC

IHC: human placenta tissue,

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse, rat

**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
Haibo Zhang	34671938	Reprod Sci	IHC
Tianying Pan	35002603	Front Neurosci	WB
Maria Höfner	38128016	Mol Hum Reprod	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

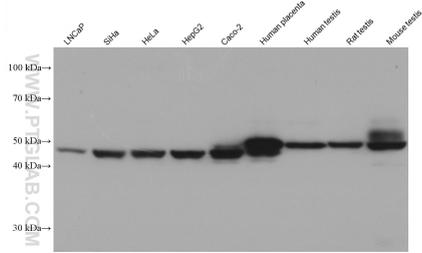
For technical support and original validation data for this product please contact:

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

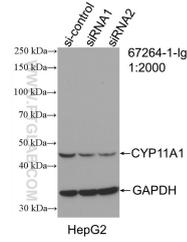
E: proteintech@ptglab.com  
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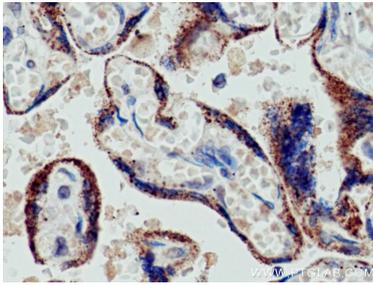
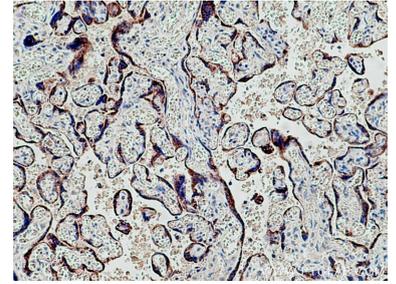
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67264-1-Ig (CYP11A1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



WB result of CYP11A1 antibody (67264-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CYP11A1 transfected HepG2 cells.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 67264-1-Ig (CYP11A1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).