

For Research Use Only

CYP11A1 Monoclonal antibody

Catalog Number: 67264-1-Ig

Featured Product

5 Publications



Basic Information

Catalog Number: 67264-1-Ig	GenBank Accession Number: BC032329	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1583	CloneNo.: 1C5D5
Source: Mouse	Full Name: cytochrome P450, family 11, subfamily A, polypeptide 1	Recommended Dilutions: WB 1:5000-1:20000 IHC 1:500-1:2000
Isotype: IgG1	Calculated MW: 521 aa, 60 kDa	
Immunogen Catalog Number: AG4353	Observed MW: 49-52 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
IHC, WB

Species Specificity:
Human, Mouse, Rat

Cited Species:
human, rat, 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 : human placenta tissue, HepG2 cells, Caco-2 cells

IHC : human placenta tissue,

Background Information

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.

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

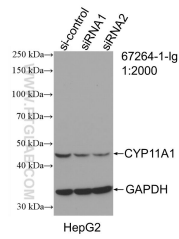
For technical support and original validation data for this product please contact:

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

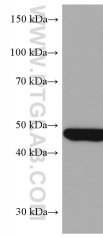
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

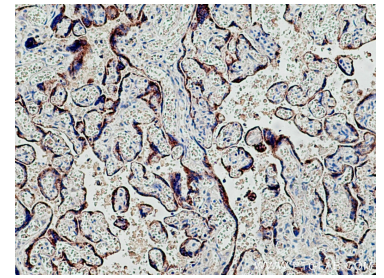
Selected Validation Data



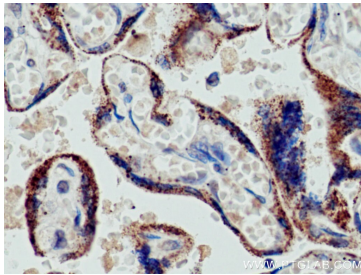
WB result of CYP11A1 antibody (67264-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CYP11A1 transfected HepG2 cells.



human placenta tissue 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.



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