

For Research Use Only

CYP21A2 Monoclonal antibody

Catalog Number: 67421-1-Ig



Basic Information

Catalog Number:

67421-1-Ig

GenBank Accession Number:

NM_000500

Purification Method:

Protein G purification

Size:

150ul, Concentration: 2100 ug/ml by 1589
Nanodrop and 1000 ug/ml by Bradford
method using BSA as the standard;

GeneID (NCBI):

UNIPROT ID:
P08686

CloneNo.:

1G2G6

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:400-1:1600

Source:

Mouse

Full Name:

cytochrome P450, family 21,
subfamily A, polypeptide 2

Isotype:

IgG1

Calculated MW:

56 kDa

Immunogen Catalog Number:

AG26292

Observed MW:

53-56 kDa

Applications

Tested Applications:

WB, IF/ICC, ELISA

Positive Controls:

WB : HepG2 cells, human adrenal gland tissue, PC-12
cells, pig adrenal gland tissue

Species Specificity:

human, pig

IF/ICC : PC-12 cells,

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

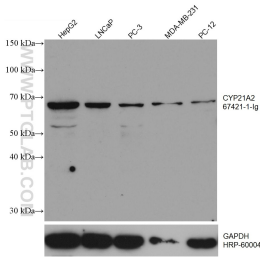
For technical support and original validation data for this product please contact:

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

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Group brand and is not available to purchase from any
other manufacturer.

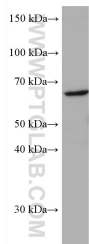
Selected Validation Data



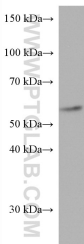
human adrenal gland tissue were subjected to SDS PAGE followed by western blot with 67421-1-Ig (CYP21A2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.

pig adrenal gland tissue were subjected to SDS PAGE followed by western blot with 67421-1-Ig (CYP21A2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.

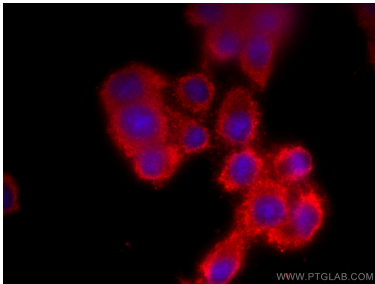
Various lysates were subjected to SDS PAGE followed by western blot with 67421-1-Ig (CYP21A2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



PC-12 cells were subjected to SDS PAGE followed by western blot with 67421-1-Ig (CYP21A2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



pig adrenal gland tissue were subjected to SDS PAGE followed by western blot with 67421-1-Ig (CYP21A2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed PC-12 cells using CYP21A2 antibody (67421-1-Ig, Clone: 1G2G6) at dilution of 1:800 and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).