

For Research Use Only

CYP21A2 Monoclonal antibody

Catalog Number: 67421-1-Ig



Basic Information

Catalog Number:

67421-1-Ig

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG26292

GenBank Accession Number:

NM_000500

GeneID (NCBI):

1589

UNIPROT ID:

P08686

Full Name:

cytochrome P450, family 21,
subfamily A, polypeptide 2

Calculated MW:

56 kDa

Observed MW:

53-56 kDa

Purification Method:

Protein A purification

CloneNo.:

1G2G6

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, pig

Positive Controls:

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

IF/ICC : PC-12 cells,

Background Information

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

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

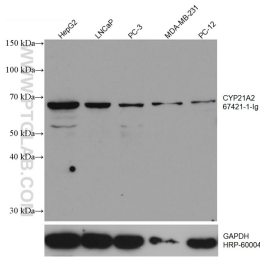
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

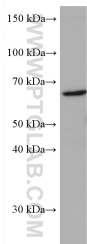
Selected Validation Data



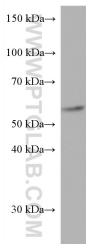
human adrenal gland tissue were subjected to SDS PAGE followed by western blot with 67421-1-Ig (CYP21A2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.

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.

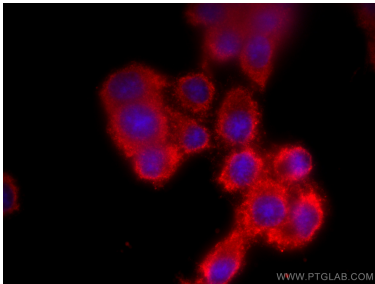
Various lysates were subjected to SDS PAGE followed by western blot with 67421-1-Ig (CYP21A2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



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).