

For Research Use Only

CYP11B2 Recombinant antibody

Catalog Number: 83930-1-RR



Basic Information

Catalog Number:

83930-1-RR

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000498

GeneID (NCBI):

1585

UNIPROT ID:

P19099

Full Name:

cytochrome P450, family 11,
subfamily B, polypeptide 2

Calculated MW:

58 kDa

Observed MW:

58-60 kDa

Purification Method:

Protein A purification

CloneNo.:

240811E7

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : SKOV-3 cells,

Background Information

CYP11B2 (Cytochrome P450 11B2), also known as aldosterone synthase, is a member of the cytochrome P450 superfamily of enzymes. CYP11B2 can only catalyze 11-deoxycorticosterone oxidation to produce corticosterone and further hydroxylation to ALD. CYP11B2 is an enzyme required for cortisol biosynthesis and is specifically expressed in aldosterone-producing tissue of the adrenal cortex and is overexpressed in aldosterone-producing adenomas (APA).

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:

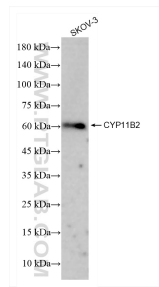
T: 4006900926

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



SKOV-3 cells were subjected to SDS PAGE followed by western blot with 83930-1-RR (CYP11B2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.