

Product Name: CYP11B2 Rabbit Monoclonal Antibody

Catalog #: AMRe03933

For research use only.

Summary

Description Recombinant rabbit monoclonal antibody

Host Rabbit
Application WB,IP
Reactivity Human

ConjugationUnconjugatedModificationUnmodified

Isotype IgG

Clonality Monoclonal
Form Liquid

Concentration

Storage Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.

Shipping Ice bags

Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and **Buffer**

0.05% protective protein.

Purification Affinity Purification

Application

Dilution Ratio WB 1:500-1:1000,IP 1:20-1:50

Molecular Weight Calculated MW:58 kDa;Observed MW: 45 kDa

Antigen Information

Gene Name CYP11B2

Alternative Names CPN2; ALDOS; CYP11B; CYP11BL; CYPXIB2; P450C18; P-450C18; P450aldo

 Gene ID
 1585

 SwissProt ID
 P19099

Immunogen A synthetic peptide of human CYP11B2

Background

This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other



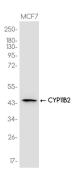
lipids. This protein localizes to the mitochondrial inner membrane. The enzyme has steroid 18-hydroxylase activity to synthesize aldosterone and 18-oxocortisol as well as steroid 11 beta-hydroxylase activity. Mutations in this gene cause corticosterone methyl oxidase deficiency.

Research Area

Cardiovascular

Image Data

Western blot analysis of CYP11B2 in MCF7 lysates using CYP11B2 antibody.



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