

CYP11B1

Reactivity:Human Mouse

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:58kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human CYP11B1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

FHI; CPN1; CYP11B; P450C11;

Catalog #:A7664

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:1584

Isotype:IgG

Swiss Prot:P15538

Purity:Affinity purification

For research use only.

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 and is involved in the conversion of progesterone to cortisol in the adrenal cortex. Mutations in this gene cause congenital adrenal hyperplasia due to 11-beta-hydroxylase deficiency. Transcript variants encoding different isoforms have been noted for this gene.

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