

CYP11B1 Rabbit Polyclonal Antibody



CAB15046

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Calculated MW:

49kDa/57kDa

Applications:

IF

Reactivity:

Human

Protein 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.

Immunogen information

Gene ID:

1584

Uniprot

P15538

Synonyms:

CYP11B1; CPN1; CYP11B; FHI; P450C11

Antibody Information

Recommended dilutions:

IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

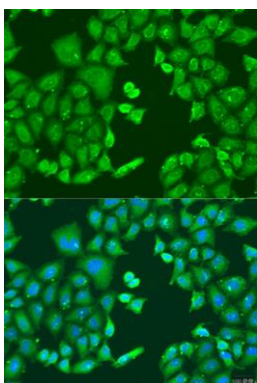
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 234-503 of human CYP11B1 (NP_000488.3).

Storage:

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

Product Images



Immunofluorescence analysis of U2OS cells using CYP11B1 antibody (CAB15046) at dilution of 1:100. Blue: DAPI for nuclear staining.