

A15046

Leader in Biomolecular Solutions for Life Science



CYP11B1 Rabbit pAb

Catalog No.: A15046

Basic Information

Observed MW

Calculated MW
58kDa

Category
Polyclonal Antibody

Applications
IHC-P,IF/ICC,ELISA

Cross-Reactivity
Human

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.

Recommended Dilutions

IHC-P	1:100 - 1:500
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
1584	P15538

Immunogen

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

Synonyms

FHI; CPN1; CYP11B; P450C11; CYP11B1

Contact

 | www.abclonal.com

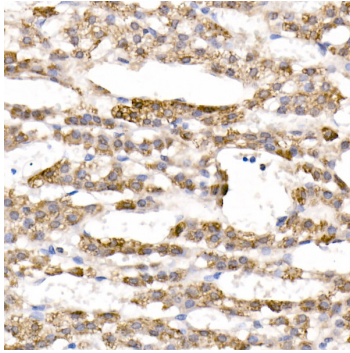
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

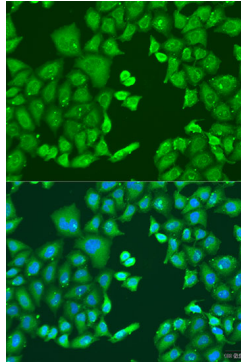
Storage

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

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human adrenal gland using CYP11B1 Rabbit pAb (A15046) at dilution of 1:500 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of U2OS cells using CYP11B1 antibody (A15046) at dilution of 1:100. Blue: DAPI for nuclear staining.