

## CYP11B1/2 Polyclonal Antibody

Cat No: HR1AP5065

For research use only

### Overview

Product Name	CYP11B1/2 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	58kDa
GeneID?Human?	CYP11B1/CYP11B2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CYP11B1; S11BH; Cytochrome P450 11B1, mitochondrial; CYPXIB1; Cytochrome P-450c11; Cytochrome P450C11; Steroid 11-beta-hydroxylase; CYP11B2; Cytochrome P450 11B2, mitochondrial; Aldosterone synthase; A
Background	cytochrome P450 family 11 subfamily B member 1(CYP11B1) Homo sapiens 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. [provided by RefSeq, Jul 2008],