

CYP11B1 Conjugated Antibody

Catalog No: #C36386

Package Size: #C36386-AF350 100ul #C36386-AF405 100ul #C36386-AF488 100ul #C36386-AF555 100ul #C36386-AF594 100ul #C36386-AF647 100ul #C36386-AF680 100ul #C36386-AF750 100ul #C36386-Biotin 100ul #C36386-Conjugated 50ul

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Description

Product Name	CYP11B1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	IF,IHC,ELISA
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CYP11B1 protein.
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human cytochrome P450, family 11, subfamily B, polypeptide 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	FHI; CPN1; CYP11B; P450C11
Accession No.	Swiss-Prot#:P15538NCBI Gene ID:1584NCBI Protein#:BC096285
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

IF:1:50-1:200

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.