

Datasheet for ABIN7266647
anti-CYP11B1 antibody (AA 234-503)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CYP11B1
Binding Specificity:	AA 234-503
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP11B1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	CYP11B1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 234-503 of human CYP11B1 (NP_000488.3).
Sequence:	TVQLMFMPRS LSRWTSPKVV KEHFEDWDCI FQYGDNCIQK IYQELAFSRP QQYTSIVAEL LLNAELSPDA IKANSMELTA GSVDTTVFPL LMTLFELARN PNVQQALRQE SLAAAAISIE HPQKATTELP LLRAALKETL RLYPVGLFLE RVASSDLVLQ NYHIPAGTLV RVFLYSLGRN PALFPRPERY NPQRWLDIRG SGRNFYHVPF GFGMRQCLGR RLAEAEMLLL LHHVLKHLQV ETLTQEDIKM VYSFILRPSM FPLLTFRIN
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: CYP11B1

Alternative Name: CYP11B1 ([CYP11B1 Products](#))

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.,CYP11B1,CPN1,CYP11B,FH1,P450C11,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Growth factor,Endocrine & Metabolism,Mitochondrial metabolism,Cytochromes,Mitochondrial markers,Lipid Metabolism,Cytochromes,Lipases,Cardiovascular,Lipids,CYP11B1

Molecular Weight: 49kDa/57kDa

Gene ID: 1584

UniProt: [P15538](#)

Pathways: [Metabolism of Steroid Hormones and Vitamin D](#), [Steroid Hormone Biosynthesis](#), [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [C21-Steroid Hormone Metabolic Process](#), [Carbohydrate Homeostasis](#)

Application Details

Application Notes: IHC,1:50 - 1:200,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.