

Datasheet for ABIN929452  
**anti-CYP11B1 antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	CYP11B1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP11B1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	CYP11 B1 antibody was raised in rabbit using the C terminal of CYP11 1 as the immunogen
Purification:	Purified

## Target Details

Target:	CYP11B1
Alternative Name:	CYP11B1 ( <a href="#">CYP11B1 Products</a> )
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

## Target Details

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to 11-beta-hydroxylase deficiency. Transcript variants encoding different isoforms have been noted for this gene. Synonyms: Polyclonal CYP11B1 antibody, Anti-CYP11B1 antibody, cytochrome P450, family 11, subfamily B, polypeptide 1 antibody, CPN1 antibody, CYP11B antibody, DKFZp686B05283 antibody, FHI antibody, FLJ36771 antibody, P450C11 antibody.

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

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Application Notes: WB: 0.2-1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: CYP11B1 Blocking Peptide, catalog no. 33R-1487, is also available for use as a blocking control in assays to test for specificity of this CYP11B1 antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

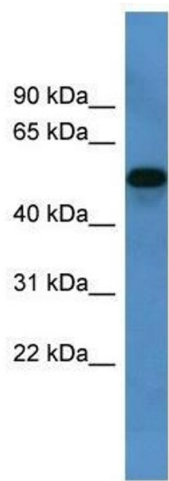
Concentration: Lot specific

Buffer: Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



### Western Blotting

**Image 1.** Western Blot showing CYP11B1 antibody used at a concentration of 1-2 ug/ml to detect its target protein.