

Datasheet for ABIN7435544
anti-CYP11B1 antibody (AA 1-498)

4 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CYP11B1
Binding Specificity:	AA 1-498
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP11B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cytochrome P450 11B1 (CYP11B1)
Immunogen:	Recombinant Cytochrome P450 11B1 (CYP11B1) corresponding to Met1~Val498 (Accession # P15393)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CYP11B1. It has been selected for its ability to recognize CYP11B1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

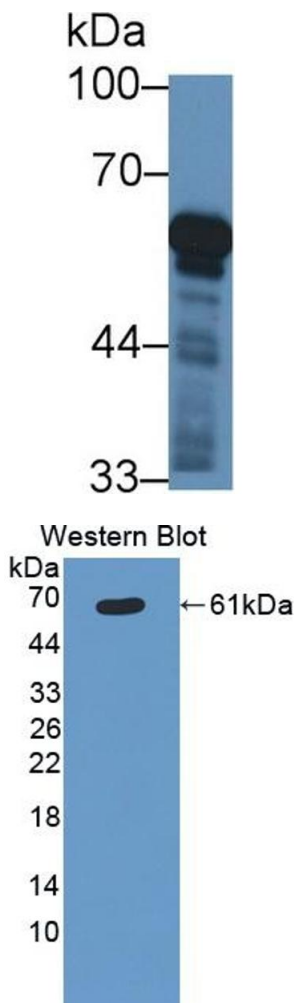
Target:	CYP11B1
Alternative Name:	Cytochrome P450 11B1 (CYP11B1 Products)
Background:	CPN1, CYP11B, FHI, CYPXIB1, S11BH, 11-Beta-Hydroxylase, Cytochrome P450 Family 11 Subfamily B Polypeptide 1, Steroid 11-beta-hydroxylase, Cytochrome P-450c11
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Steroid Hormone Biosynthesis , Regulation of Systemic Arterial Blood Pressure by Hormones , C21-Steroid Hormone Metabolic Process , Carbohydrate Homeostasis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

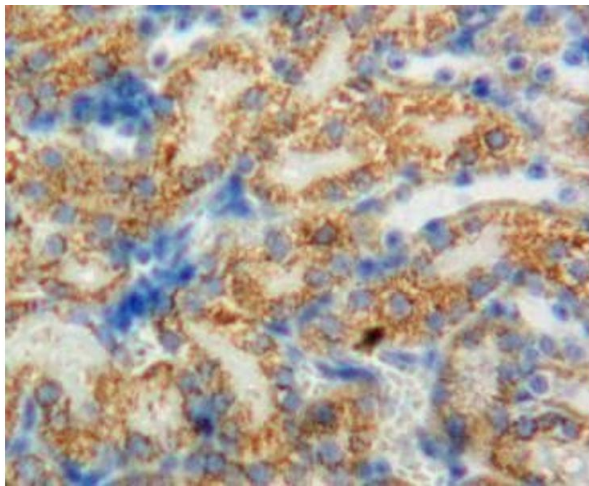


Western Blotting

Image 1. Detection of CYP11B1 in Rat Adrenal gland lysate using Polyclonal Antibody to Cytochrome P450 11B1 (CYP11B1)

Western Blotting

Image 2. Detection of Recombinant CYP11B1, Rat using Polyclonal Antibody to Cytochrome P450 11B1 (CYP11B1)



Immunohistochemistry

Image 3. #VALUE!

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7435544.