

Datasheet for ABIN7441886  
**anti-CYP21A2 antibody (AA 106-389)**

## 8 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	CYP21A2
Binding Specificity:	AA 106-389
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP21A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Polyclonal Antibody to Cytochrome P450 Family 21 Subfamily A Member 2 (CYP21A2)
Immunogen:	Recombinant Cytochrome P450 Family 21 Subfamily A Member 2 (CYP21A2) corresponding to Asp106~Gln389 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CYP21A2. It has been selected for its ability to recognize CYP21A2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

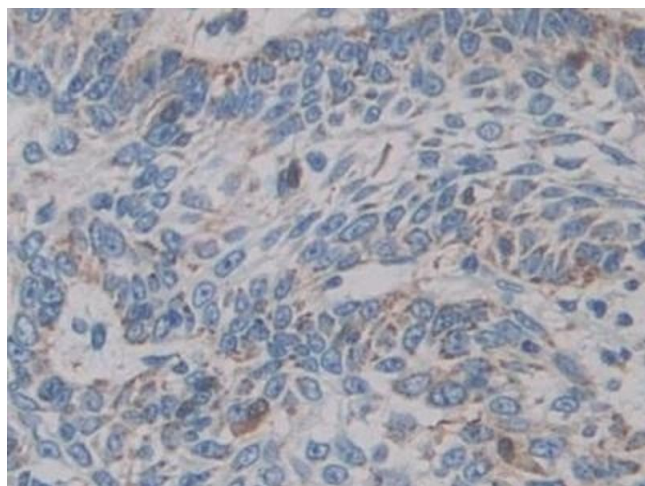
Target:	CYP21A2
Alternative Name:	Cytochrome P450 Family 21 Subfamily A Member 2 ( <a href="#">CYP21A2 Products</a> )
Background:	CYP21B, CPS1, CA21H, CAH1, CYP21, CYP21-B, 21-OHase, Cytochrome P450 21B, Steroid 21-hydroxylase, Cytochrome P450,Family 21,Subfamily A,Polypeptide 2
Pathways:	<a href="#">Metabolism of Steroid Hormones and Vitamin D</a> , <a href="#">Steroid Hormone Biosynthesis</a> , <a href="#">C21-Steroid Hormone Metabolic Process</a>

## 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

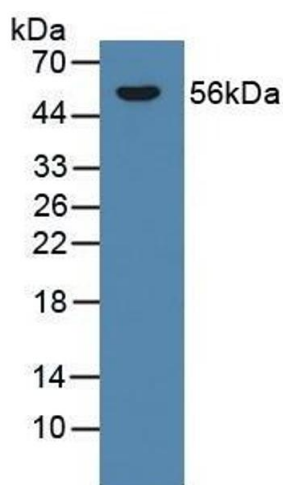
## Handling

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



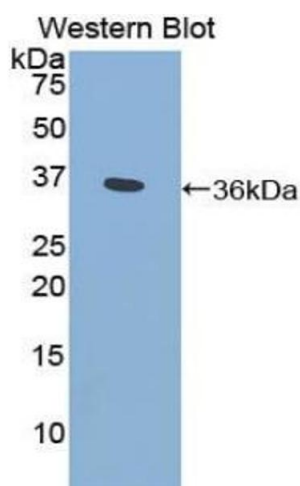
#### Immunohistochemistry

**Image 1.** Detection of CYP21A2 in Human Skin cancer Tissue using Polyclonal Antibody to Cytochrome P450 Family 21 Subfamily A Member 2 (CYP21A2)



#### Western Blotting

**Image 2.** Detection of CYP21A2 in Rat Adrenal Gland Tissue using Polyclonal Antibody to Cytochrome P450 Family 21 Subfamily A Member 2 (CYP21A2)



#### Western Blotting

**Image 3.** Detection of Recombinant CYP21A2, Human using Polyclonal Antibody to Cytochrome P450 Family 21 Subfamily A Member 2 (CYP21A2)

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN7441886.