

Datasheet for ABIN7170757  
**anti-CYP21A2 antibody (AA 312-418)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µg
Target:	CYP21A2
Binding Specificity:	AA 312-418
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP21A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Steroid 21-hydroxylase protein (312-418AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	CYP21A2
Alternative Name:	CYP21A2 ( <a href="#">CYP21A2 Products</a> )
Background:	CYP21 antibody, 21 OHase antibody, 21-OHase antibody, CA21H antibody, CAH1 antibody, CP21A_HUMAN antibody, CPS1 antibody, CYP21A 2 antibody, CYP21A2 antibody, CYP21B

## Target Details

antibody, Cytochrome P-450c21 antibody, Cytochrome P450 21 antibody, Cytochrome P450 C21B antibody, Cytochrome P450 XXI antibody, Cytochrome P450, family 21, subfamily A, polypeptide 2 antibody, Cytochrome P450, subfamily XXIA (steroid 21 hydroxylase, congenital adrenal hyperplasia), polypeptide 2 antibody, Cytochrome P450-C21 antibody, Cytochrome P450-C21B antibody, P450 C21 antibody, P450 C21B antibody, P450c21B antibody, Steroid 21 hydroxylase antibody, Steroid 21 monooxygenase antibody, Steroid 21-hydroxylase antibody

UniProt: [P08686](#)

Pathways: [Metabolism of Steroid Hormones and Vitamin D](#), [Steroid Hormone Biosynthesis](#), [C21-Steroid Hormone Metabolic Process](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

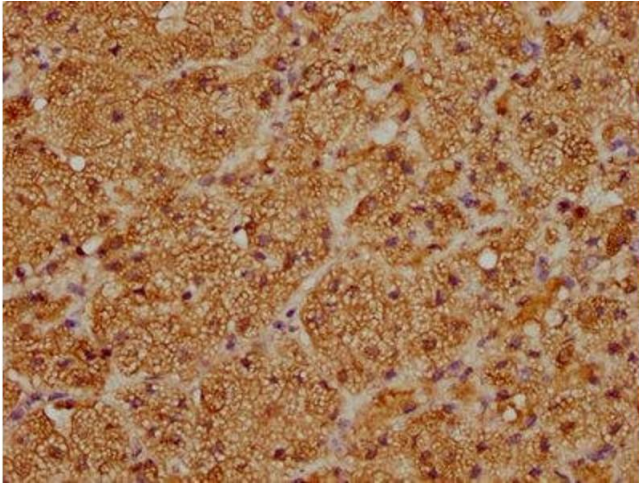
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

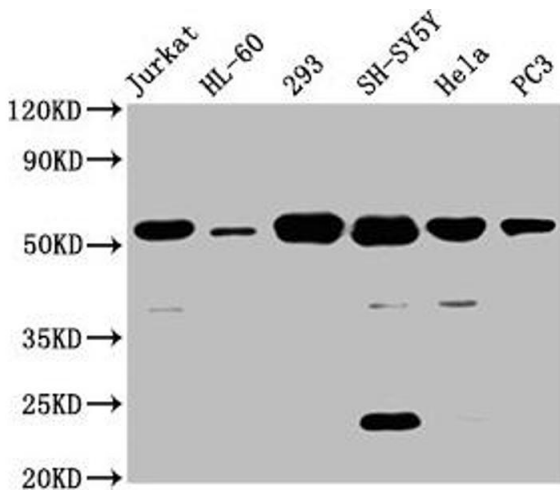
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



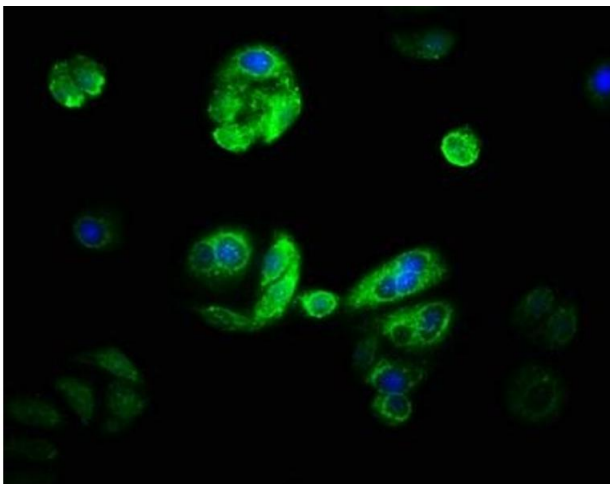
### Immunohistochemistry

**Image 1.** IHC image of ABIN7170757 diluted at 1:100 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Jurkat whole cell lysate, HL60 whole cell lysate, 293 whole cell lysate, SH-SY5Y whole cell lysate, HeLa whole cell lysate, PC-3 whole cell lysate All lanes: CYP21A2 antibody at 8 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 56, 53 kDa Observed band size: 56 kDa



### Immunofluorescence

**Image 3.** Immunofluorescence staining of HepG2 with ABIN7170757 at 1:33, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).