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Datasheet for ABIN7441889

## anti-CYP21A2 antibody (AA 37-264)

### 3 Images

#### Overview

Quantity:	100 µL
Target:	CYP21A2
Binding Specificity:	AA 37-264
Reactivity:	Mouse
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 Phe37~Asp264 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:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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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

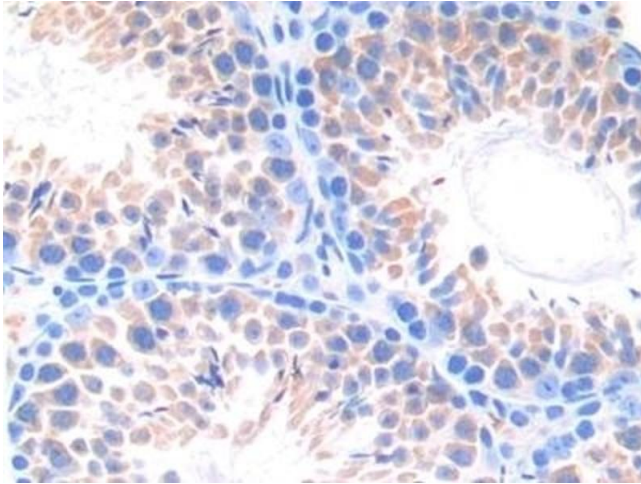
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Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate 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

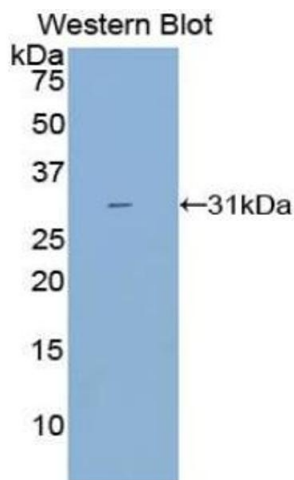
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	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



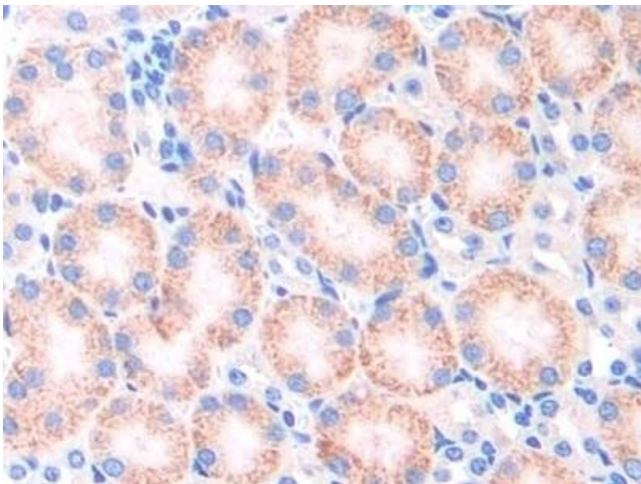
### Immunohistochemistry

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



### Western Blotting

**Image 2.** Detection of Recombinant CYP21B, Mouse using Polyclonal Antibody to Cytochrome P450 Family 21 Subfamily A Member 2 (CYP21A2)



### Immunohistochemistry

**Image 3.** Detection of CYP21A2 in Mouse Kidney Tissue using Polyclonal Antibody to Cytochrome P450 Family 21 Subfamily A Member 2 (CYP21A2)