

Datasheet for ABIN7441061
anti-CYP27B1 antibody (AA 258-504)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CYP27B1
Binding Specificity:	AA 258-504
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP27B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cytochrome P450 27B1 (CYP27B1)
Immunogen:	Recombinant Cytochrome P450 27B1 (CYP27B1) corresponding to Asp258~Phe504 (Accession # O35084)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CYP27B1. It has been selected for its ability to recognize CYP27B1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CYP27B1
---------	---------

Target Details

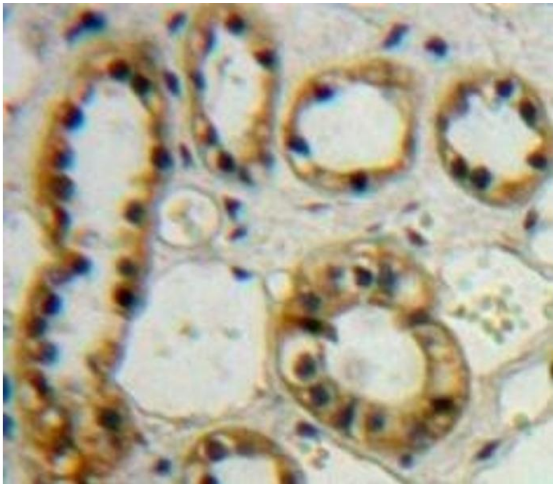
Alternative Name:	Cytochrome P450 27B1 (CYP27B1 Products)
Background:	VDD1, PDDR, CYP1, P450c1, 25-Hydroxyvitamin D3 1-Alpha-Hydroxylase, Cytochrome P450 Family 27 Subfamily B Polypeptide 1, Calcidiol 1-monooxygenase, VD3 1A hydroxylase
Pathways:	Metabolism of Steroid Hormones and Vitamin D

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

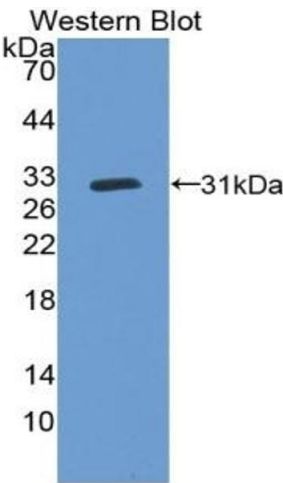
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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. #VALUE!



Western Blotting

Image 2. Detection of Recombinant CYP27B1, Mouse using Polyclonal Antibody to Cytochrome P450 27B1 (CYP27B1)