

Datasheet for ABIN7440206
anti-CYP24A1 antibody (AA 260-514)

2 Images

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Overview

Quantity:	100 µL
Target:	CYP24A1
Binding Specificity:	AA 260-514
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP24A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cytochrome P450 24A1 (CYP24A1)
Immunogen:	Recombinant Cytochrome P450 24A1 (CYP24A1) corresponding to His260~Arg514 (Accession # Q64441)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CYP24A1. It has been selected for its ability to recognize CYP24A1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CYP24A1
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Target Details

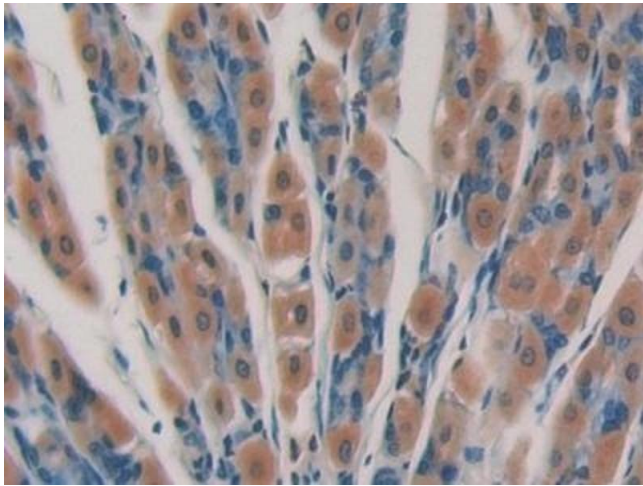
Alternative Name:	Cytochrome P450 24A1 (CYP24A1 Products)
Background:	CP24, CYP24, P450-CC24, Vitamin D 24-Hydroxylase, 1,25-dihydroxyvitamin D(3) 24-hydroxylase, mitochondrial , Cytochrome P450 Family 24 Subfamily A Polypeptide 1
Pathways:	Metabolism of Steroid Hormones and Vitamin D

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:200-900 Immunohistochemistry: 5-20 µg/mL 1:20-90 Immunocytochemistry: 5-20 µg/mL 1:20-90 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

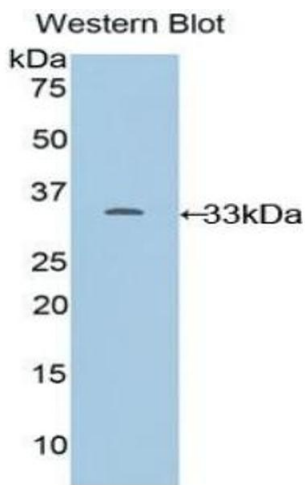
Handling

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 CYP24A1 in Mouse Stomach Tissue using Polyclonal Antibody to Cytochrome P450 24A1 (CYP24A1)



Western Blotting

Image 2. Detection of Recombinant CYP24A1, Mouse using Polyclonal Antibody to Cytochrome P450 24A1 (CYP24A1)