antibodies

Datasheet for ABIN7435466 anti-CYP1B1 antibody (AA 374-516)

2 Images



Overview

Quantity:	100 µL
Target:	CYP1B1
Binding Specificity:	AA 374-516
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP1B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Cytochrome P450 1B1 (CYP1B1)
Immunogen:	Recombinant Cytochrome P450 1B1 (CYP1B1) corresdonding to Asp374~Phe516 with N- terminal His Tag
lsotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CYP1B1. It has been selected for its ability to recognize CYP1B1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

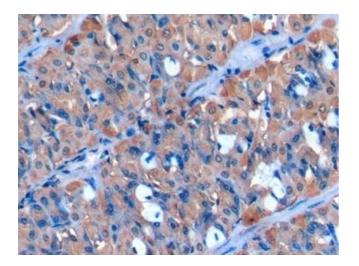
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CYP1B1

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Target Details	
Alternative Name:	Cytochrome P450 1B1 (CYP1B1 Products)
Background:	CP1B, GLC3A, Cytochrome P450,Family 1,Subfamily B,Polypeptide 1, Glaucoma 3,Primary Infantile
Pathways:	Steroid Hormone Biosynthesis
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

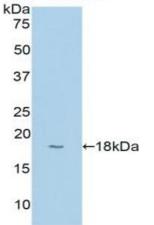
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Immunohistochemistry

Image 1. Detection of CYP1B1 in Human Stomach Tissue using Polyclonal Antibody to Cytochrome P450 1B1 (CYP1B1)

Western Blot



Western Blotting

Image 2. Detection of Recombinant CYP1B1, Human using Polyclonal Antibody to Cytochrome P450 1B1 (CYP1B1)

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