

Datasheet for ABIN7435463
anti-CYP1A1 antibody (AA 1-250)

3 Images

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Overview

Quantity:	100 µL
Target:	CYP1A1
Binding Specificity:	AA 1-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP1A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cytochrome P450 1A1 (CYP1A1)
Immunogen:	Recombinant Cytochrome P450 1A1 (CYP1A1) corresponding to Met1~Ala250 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CYP1A1. It has been selected for its ability to recognize CYP1A1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

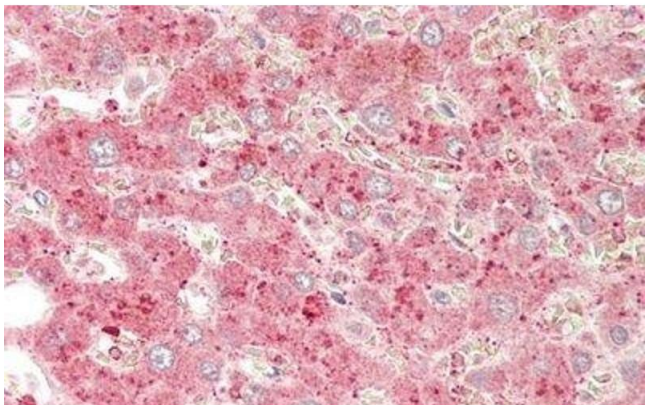
Target:	CYP1A1
Alternative Name:	Cytochrome P450 1A1 (CYP1A1 Products)
Background:	CYP1, AHH, AHRR, CP11, CYP1, P1-450, P450-C, P450DX, Cytochrome P450,Subfamily I(Aromatic Compound-Inducible),Polypeptide 1
Pathways:	Steroid Hormone Biosynthesis , Regulation of Lipid Metabolism by PPARalpha

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

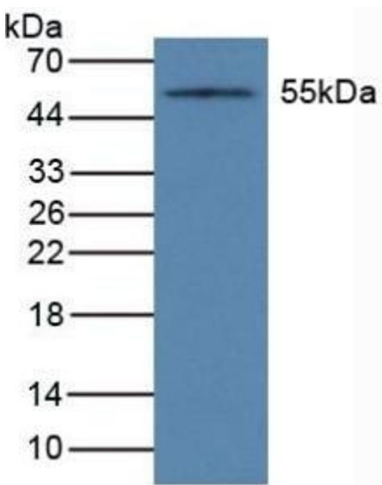
Handling

Format:	Liquid
Buffer:	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



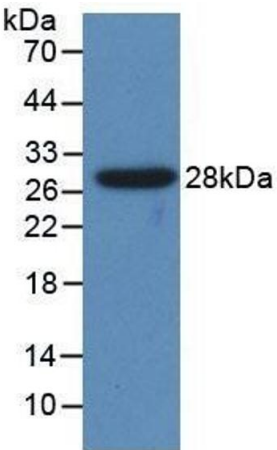
Immunohistochemistry

Image 1. Detection of CYP1A1 in Human Liver Tissue using Polyclonal Antibody to Cytochrome P450 1A1 (CYP1A1)



Western Blotting

Image 2. Detection of CYP1A1 in Mouse Liver Tissue using Polyclonal Antibody to Cytochrome P450 1A1 (CYP1A1)



Western Blotting

Image 3. Detection of Recombinant CYP1A1, Human using Polyclonal Antibody to Cytochrome P450 1A1 (CYP1A1)