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Datasheet for ABIN7149266
anti-CYP3A7 antibody (AA 1-200)

2 Images

Overview

Quantity:	100 µg
Target:	CYP3A7
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP3A7 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Cytochrome P450 3A7 protein (1-200AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CYP3A7
Alternative Name:	CYP3A7 (CYP3A7 Products)
Background:	Background: Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It

Target Details

oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics.

Aliases: Aryl hydrocarbon hydroxylase antibody, CP37 antibody, CP3A7_HUMAN antibody, CYP3A7 antibody, CYP11A7 antibody, Cytochrome P450 3A7 antibody, Cytochrome P450, family 3, subfamily A, polypeptide 7 antibody, Cytochrome P450, subfamily IIIA, polypeptide 7 antibody, Cytochrome P450-HFLA antibody, Flavoprotein linked monooxygenase antibody, Flavoprotein-linked monooxygenase antibody, Microsomal monooxygenase antibody, P 450(HFL33) antibody, P 450111A7 antibody, P450 HFLA antibody, Xenobiotic monooxygenase antibody

UniProt: [P24462](#)

Pathways: [Steroid Hormone Biosynthesis](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

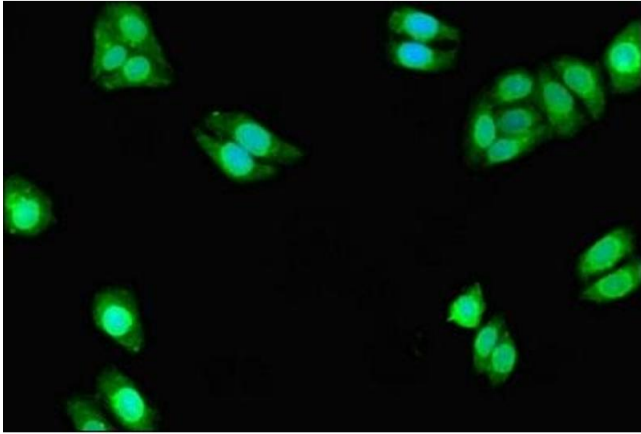
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

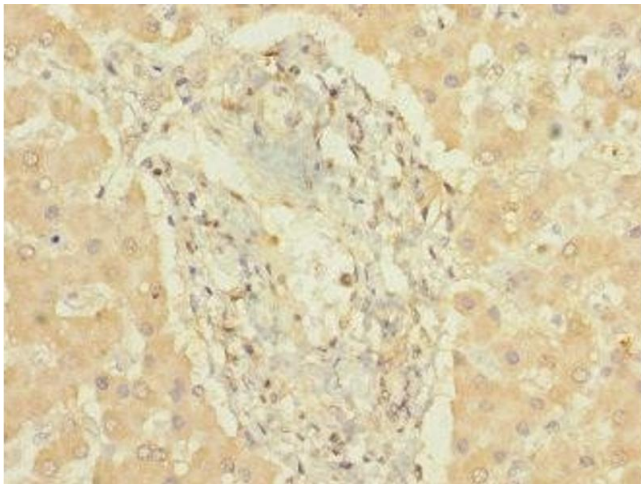
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7149266 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7149266 at dilution of 1:100