



Datasheet for ABIN7295456
anti-CYP2J2 antibody (Center)



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3 Images

Overview

Quantity:	100 µL
Target:	CYP2J2
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2J2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cytochrome P450 2J2.
Specificity:	Recognizes endogenous levels of Cytochrome P450 2J2 protein.
Characteristics:	Rabbit polyclonal antibody to Cytochrome P450 2J2
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	CYP2J2
Alternative Name:	Cytochrome P450 2J2 (CYP2J2 Products)

Target Details

Background: Cytochrome P450 2J2, Arachidonic acid epoxygenase, CYP11J2

Gene ID: 1573

UniProt: [P51589](#)

Application Details

Application Notes: WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500), IP (1:10 - 1:100)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

Preservative: Sodium azide

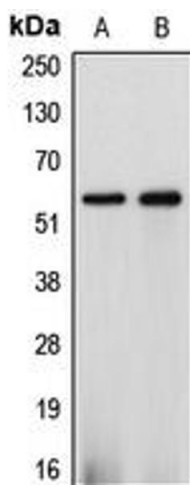
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

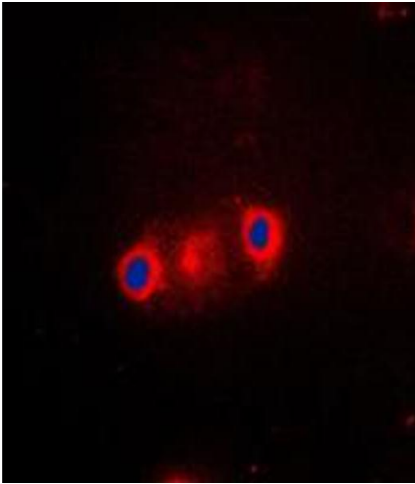
Expiry Date: 12 months

Images



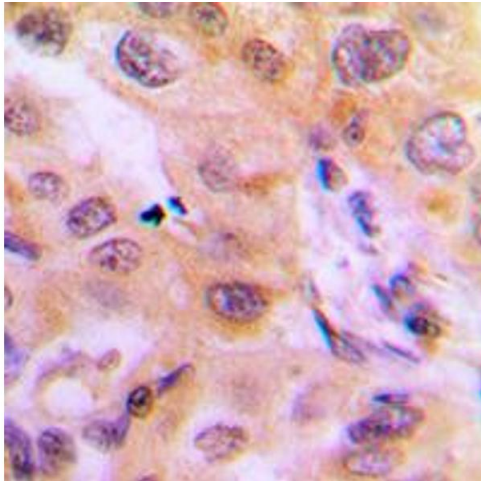
Western Blotting

Image 1. Western blot analysis of Cytochrome P450 2J2 expression in HepG2 (A), A549 (B) whole cell lysates.



Immunofluorescence

Image 2. Immunofluorescent analysis of Cytochrome P450 2J2 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemistry

Image 3. Immunohistochemical analysis of Cytochrome P450 2J2 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.