

Datasheet for ABIN453601
anti-CYP2J2 antibody (N-Term)



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2 Images

Overview

Quantity:	0.4 mL
Target:	CYP2J2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2J2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human CYP2J2
Specificity:	This antibody reacts to CYP2J2.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

Target Details

Target:	CYP2J2
Alternative Name:	CYP2J2 (CYP2J2 Products)
Background:	CYP2J2 is a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and is thought to be the predominant enzyme responsible for epoxidation of

Target Details

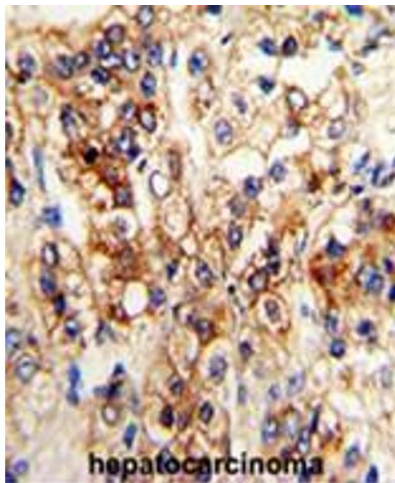
	endogenous arachidonic acid in cardiac tissue.Synonyms: Arachidonic acid epoxxygenase, CYP11J2, Cytochrome P450 2J2
Gene ID:	1573
NCBI Accession:	NP_000766
UniProt:	P51589

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

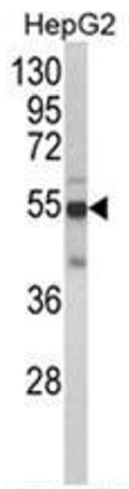
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with CYP2J2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of CYP2J2 Antibody (N-term) in HepG2 cell line lysates (35ug/lane). CYP2J2 (arrow) was detected using the purified Pab.