Datasheet for ABIN391655

anti-CYP2J2 antibody (AA 156-183)

2 Images

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Overview

Quantity:	400 µL
Target:	CYP2J2
Binding Specificity:	AA 156-183
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2J2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This CYP2J2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 156-183 amino acids from the Central region of human CYP2J2.
Clone:	RB15784
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	CYP2J2
Alternative Name:	CYP2J2 (CYP2J2 Products)

Target Details

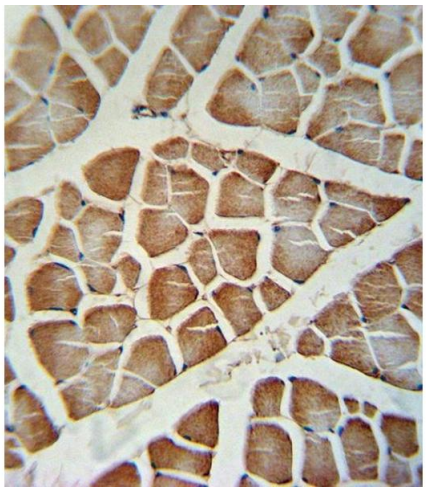
Background:	CYP2J2 is a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and is thought to be the predominant enzyme responsible for epoxidation of endogenous arachidonic acid in cardiac tissue.
Molecular Weight:	57611
Gene ID:	1573
NCBI Accession:	NP_000766
UniProt:	P51589

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. CYP2J2 Antibody (Center) (ABIN391655 and ABIN2841565) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CYP2J2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of anti-CYP2J2 Antibody (Center) in CEM cell line lysates (35 µg/lane). CYP2J2 (arrow) was detected using the purified Pab.