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anti-CYP2J2 antibody (Internal Region)





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Quantity:	100 μL
Target:	CYP2J2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2J2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	

Immunogen:	A synthesized peptide derived from human Cytochrome P450 2J2, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	Cytochrome P450 2J2 Antibody detects endogenous levels of total Cytochrome P450 2J2.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	CYP2J2
Alternative Name:	CYP2J2 (CYP2J2 Products)

Target Details

Background:	Description: This enzyme metabolizes arachidonic acid predominantly via a NADPH-dependent	
	olefin epoxidation to all four regioisomeric cis-epoxyeicosatrienoic acids. One of the	
	predominant enzymes responsible for the epoxidation of endogenous cardiac arachidonic acid	
	pools.	
	Gene: CYP2J2	
Molecular Weight:	50kDa	
Gene ID:	1573	
UniProt:	P51589	

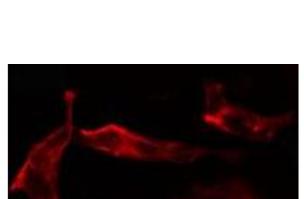
Application Details

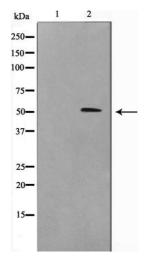
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 $\%$ sodium azide and 50 $\%$ glycerol.
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:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months







Immunofluorescence (fixed cells)

Image 1. ABIN6266972 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibod

Immunofluorescence (fixed cells)

Image 2. ABIN6266972 staining HT29 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibod

Western Blotting

Image 3. Western blot analysis on HT29 cell lysate using Cytochrome P450 2J2 Antibody, *The lane on the left is treated with the antigen-specific peptide.*

Please check the product details page for more images. Overall 4 images are available for ABIN6261201.