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anti-CYP2A6 antibody (N-Term)

2 Images



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Overview		
Quantity:	100 μL	
Target:	CYP2A6	
Binding Specificity:	N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CYP2A6 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)	
Product Details		
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Cytochrome P450 2A6.	
Specificity:	Recognizes endogenous levels of Cytochrome P450 2A6 protein.	
Characteristics:	Rabbit polyclonal antibody to Cytochrome P450 2A6	
Purification:	The antibody was purified by immunogen affinity chromatography.	
Target Details		
Target:	CYP2A6	
Alternative Name:	Cytochrome P450 2A6 (CYP2A6 Products)	
Background:	CYP2A3, Cytochrome P450 2A6, 1,4-cineole 2-exo-monooxygenase, CYPIIA6, Coumarin 7-	

Target Details

	hydroxylase, Cytochrome P450 IIA3, Cytochrome P450(I)
Gene ID:	1548
UniProt:	P11509

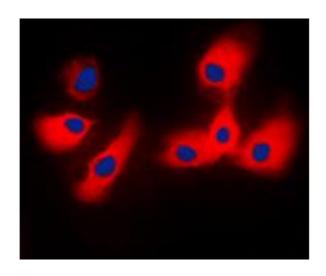
Application Details

Application Notes:	WB (1:500 - 1:1000), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

Handling

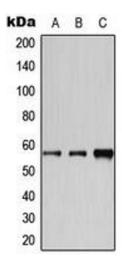
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-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



Immunofluorescence

Image 1. Immunofluorescent analysis of Cytochrome P450 2A6 staining in HeLa 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).

Western Blotting

Image 2. Western blot analysis of Cytochrome P450 2A6 expression in HeLa (A), Jurkat (B), MCF7 (C) whole cell lysates.