antibodies .- online.com







Images



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Quantity:	100 μL	
Target:	CYP2A13	
Reactivity:	Human, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CYP2A13 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)	

Product Details

Immunogen:	A synthesized peptide
Isotype:	IgG
Specificity:	Cytochrome P450 2A13 Antibody detects endogenous levels of total Cytochrome P450 2A13
Cross-Reactivity:	Human, Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	CYP2A13	
Alternative Name:	Cytochrome P450 2A13 (CYP2A13 Products)	
Background:	Description: Exhibits a coumarin 7-hydroxylase activity. Active in the metabolic activation of	

Target Details

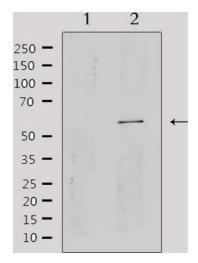
	hexamethylphosphoramide, N,N-dimethylaniline, 2'-methoxyacetophenone, N-	
	nitrosomethylphenylamine, and the tobacco-specific carcinogen, 4-(methylnitrosamino)-1-(3-	
	pyridyl)-1-butanone. Possesses phenacetin O-deethylation activity.	
	Gene: CYP2A13	
Molecular Weight:	56 kDa	
Gene ID:	1553	
UniProt:	Q16696	

Application Details

Application Notes:	WB 1:500~1:1000, IF/ICC 1:100-1:500
Restrictions:	For Research Lise only

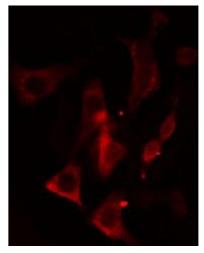
Handling

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



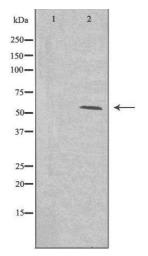
Western Blotting

Image 1. Western blot analysis of extracts from HepG2, using Cytochrome P450 2A13 Antibody. Lane 1 was treated with the antigen-specific peptide.



Immunofluorescence (fixed cells)

Image 2. ABIN6274644 staining HeLa 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°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibody.



Western Blotting

Image 3. Western blot analysis of extracts from HeLa cells using Cytochrome P450 2A13 antibody. The lane on the left is treated with the antigen-specific peptide.