antibodies -online.com





anti-CYP2A7 antibody (AA 121-148)

3 Images



Go to Product page

\sim				
	$ V \cap$	r\/I	19	٨

Overview	
Quantity:	400 μL
Target:	CYP2A7
Binding Specificity:	AA 121-148
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2A7 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This CYP2A7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 121-148 amino acids from the Central region of human CYP2A7.
Clone:	RB24314
Isotype:	lg Fraction
Predicted Reactivity:	Rat, M, Rb
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	CYP2A7

Target Details			
Alternative Name:	CYP2A7 (CYP2A7 Products)		
Background:	CYP2A7 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, its substrate has not yet been determined. CYP2A7, which produces two transcript		
	variants, is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and		
	CYP2F subfamilies on chromosome 19q.		
Molecular Weight:	56425		
Gene ID:	1549		
NCBI Accession:	NP_000755, NP_085079		
UniProt:	P20853		
Application Details			
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 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		

Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small

should be handled by trained staff only.

aliquots to prevent freeze-thaw cycles.

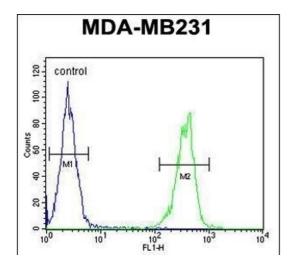
4 °C,-20 °C

6 months

Storage:

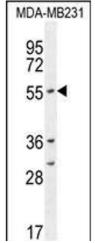
Expiry Date:

Storage Comment:



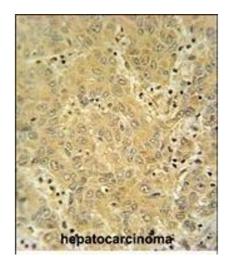
Flow Cytometry

Image 1. CYP2A7 Antibody (Center) (ABIN654434 and ABIN2844170) flow cytometric analysis of MDA-M cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. CYP2A7 Antibody (Center) (ABIN654434 and ABIN2844170) western blot analysis in MDA-M cell line lysates (35 μ g/lane).This demonstrates the CYP2A7 antibody detected the CYP2A7 protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. CYP2A7 antibody (Center) (ABIN654434 and ABIN2844170) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CYP2A7 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.