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anti-CYP2A7 antibody (C-Term)

Images



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Overview	
Quantity:	100 μL
Target:	CYP2A7
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2A7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Cytochrome P450 2A7.
Specificity:	Recognizes endogenous levels of Cytochrome P450 2A7 protein.
Characteristics:	Rabbit polyclonal antibody to Cytochrome P450 2A7
Purification:	The antibody was purified by immunogen affinity chromatography.
Target Details	
Target:	CYP2A7
Alternative Name:	Cytochrome P450 2A7 (CYP2A7 Products)
Background:	Cytochrome P450 2A7, CYPIIA7, Cytochrome P450 IIA4

Target Details

Gene ID:	1549
UniProt:	P20853

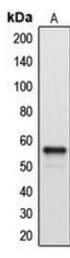
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

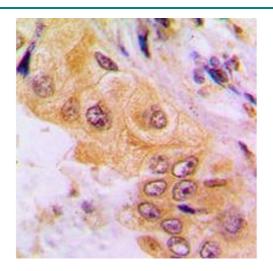
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage: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



Western Blotting

Image 1. Western blot analysis of Cytochrome P450 2A7 expression in A549 (A) whole cell lysates.



Immunohistochemistry

Image 2. Immunohistochemical analysis of Cytochrome P450 2A7 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pretreated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.