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anti-CYP4X1 antibody (Center)

2 Images



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Overview	
Quantity:	100 μL
Target:	CYP4X1
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP4X1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cytochrome P450 4X1.
Specificity:	Recognizes endogenous levels of Cytochrome P450 4X1 protein.
Characteristics:	Rabbit polyclonal antibody to Cytochrome P450 4X1
Purification:	The antibody was purified by immunogen affinity chromatography.
Target Details	
Target:	CYP4X1
Alternative Name:	Cytochrome P450 4X1 (CYP4X1 Products)
Background:	Cytochrome P450 4X1, CYPIVX1

Target Details

Gene ID:	260293, 81906, 246767
UniProt:	Q8N118, Q6A152, Q8K4D6
Pathways:	Regulation of Lipid Metabolism by PPARalpha

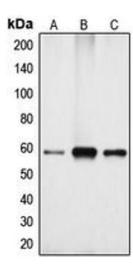
Application Details

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

Handling

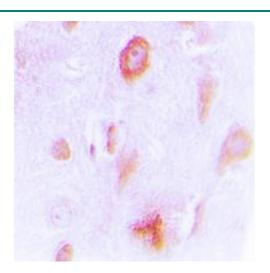
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-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 4X1 expression in Jurkat (A), mouse kidney (B), rat kidney (C) whole cell lysates.



Immunohistochemistry

Image 2. Immunohistochemical analysis of Cytochrome P450 4X1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated 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.