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Overview	
Quantity:	100 μL
Target:	CYP4X1
Binding Specificity:	AA 251-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP4X1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	The antiserum was produced against synthesized peptide derived from human Cytochrome P450 4X1.
Isotype:	IgG
Specificity:	Cytochrome P450 4X1 Antibody detects endogenous levels of total Cytochrome P450 4X1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen
Purity:	> 95 %
Target Details	
Target:	CYP4X1

#### **Target Details**

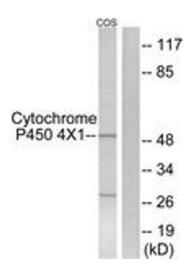
Alternative Name:	Cytochrome P450 4X1 (CYP4X1 Products)
Background:	Synonyms: Cytochrome P450 4X1, CYPIVX1, CYP4X1, CP4X1  NCBI Gene Symbol: CYP4X1
Molecular Weight:	58 kDa
Gene ID:	260293
UniProt:	Q8N118
Pathways:	Regulation of Lipid Metabolism by PPARalpha

## **Application Details**

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000
Comment:	Unigene-Number: Hs.439760 (NCBI Gene Symbol: CYP4X1)
Restrictions:	For Research Use only

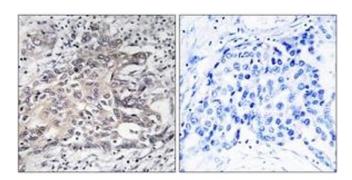
### Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), 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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



#### **Western Blotting**

**Image 1.** Western blot analysis of extracts from COS7 cells, using Cytochrome P450 4X1 Antibody. The lane on the right is treated with the synthesized peptide.



#### **Immunohistochemistry**

**Image 2.** Immunohistochemistry analysis of paraffinembedded human liver carcinoma tissue, using Cytochrome P450 4X1 Antibody. The picture on the right is treated with the synthesized peptide.