

## Cytochrome P450 4X1 Antibody

Catalog No: #34245

Package Size: #34245-1 50ul #34245-2 100ul

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## Description

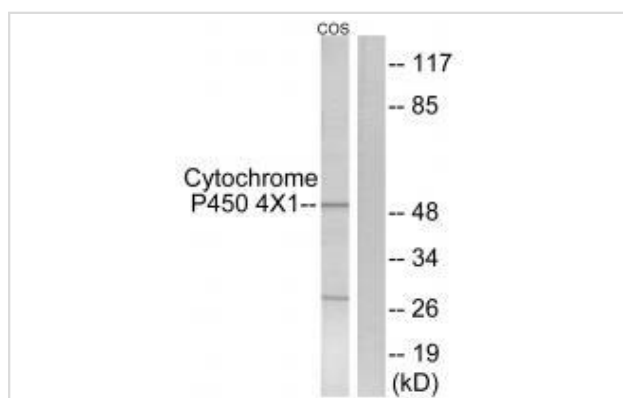
Product Name	Cytochrome P450 4X1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total Cytochrome P450 4X1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Cytochrome P450 4X1.
Target Name	Cytochrome P450 4X1
Other Names	CP4X1; CYP1VX1; Cytochrome P450 4X1; EC 1.14.14.1;
Accession No.	Swiss-Prot: Q8N118NCBI Gene ID: 260293
Uniprot	Q8N118
GeneID	260293;
SDS-PAGE MW	50kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

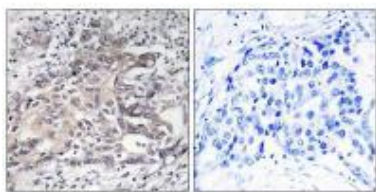
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

## Images



Western blot analysis of extracts from COS7 cells, using Cytochrome P450 4X1 antibody #34245.



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using Cytochrome P450 4X1 antibody #34245.

## Background

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. The expression pattern of a similar rat protein suggests that this protein may be involved in neurovascular function in the brain.

Clark H.F., Genome Res. 13:2265-2270(2003).

Ota T., Nat. Genet. 36:40-45(2004).

The MGC Project Team; Genome Res. 14:2121-2127(2004).

Note: This product is for in vitro research use only