

Rabbit anti-Human CYP4X1 Polyclonal Antibody | anti-CYP4X1 antibody

CYP4X1 Antibody (N-term)

CATALOG # AAA284537	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

CYP4X1; Polyclonal Antibody; CYP4X1 Antibody (N-term); Cytochrome P450 4X1; CYP4X1; anti-CYP4X1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CYP4X1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 157-183 amino acids from the N-terminal region of human CYP4X1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	157-183
Sequence Length	509
Applicable Applications for anti-CYP4X1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with CYP4X1 antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of anti-CYP4X1 Antibody (N-term) in T47D cell line lysates (35ug/lane). CYP4X1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP4X1 antibody	CYP4X1 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. The expression pattern of a similar rat protein suggests that this protein may be involved in neurovascular function in the brain.
Product Categories/Family for anti-CYP4X1 antibody	Cardiovascular
References	Savas,U., Arch. Biochem. Biophys. 436 (2), 377-385 (2005) Nelson,D.R., Pharmacogenetics 14 (1), 1-18 (2004) Bylund,J., Biochem. Biophys. Res. Commun. 296 (3), 677-684 (2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	29837648
NCBI GeneID	260293
NCBI Accession #	NP_828847.1
NCBI GenBank Nucleotide #	NM_178033.1
UniProt Accession #	Q8N118; Q5VVE5; Q6ZN67; Q8NAZ3; G3V1U1
Molecular Weight	58875
NCBI Official Full Name	cytochrome P450 4X1
NCBI Official Synonym Full Names	cytochrome P450, family 4, subfamily X, polypeptide 1
NCBI Official Symbol	CYP4X1
NCBI Official Synonym Symbols	CYPIVX1
NCBI Protein Information	cytochrome P450 4X1
UniProt Protein Name	Cytochrome P450 4X1
UniProt Gene Name	CYP4X1
UniProt Entry Name	CP4X1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.