

Datasheet for ABIN7266659  
**anti-CYP4X1 antibody (AA 190-290)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	CYP4X1
Binding Specificity:	AA 190-290
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP4X1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	CYP4X1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 190-290 of human CYP4X1 (NP_828847.1).
Sequence:	DIIMKCAFSK ETNCQTNSTH DPYAKAIFEL SKIIFHRLYS LLYHSDIIFK LSPQGYRFQK LSRVLNQYTD TIIQERKKSL QAGVKQDNTP KRKYQDFLDI V
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

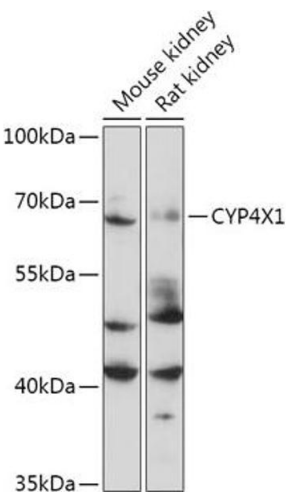
Target:	CYP4X1
Alternative Name:	CYP4X1 ( <a href="#">CYP4X1 Products</a> )
Background:	<p>This gene encodes a member of the cytochrome P450 superfamily of enzymes and is located within a cluster of genes belonging to this superfamily on chromosome 1. The cytochrome P450 proteins are monooxygenases which 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016],CYP4X1,CYP4X1,Cancer,Endocrine &amp; Metabolism,Mitochondrial metabolism,Cytochromes,Lipid Metabolism,Cytochromes,Lipases,Cardiovascular,Lipids,CYP4X1</p>
Gene ID:	260293
UniProt:	<a href="#">Q8N118</a>
Pathways:	<a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of Mouse kidney, using CYP4X1 antibody (ABIN7266659) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.