



[Go to Product page](#)

Datasheet for ABIN708995

anti-CYP4A11 antibody (AA 351-450) (HRP)

Overview

Quantity:	100 µL
Target:	CYP4A11
Binding Specificity:	AA 351-450
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP4A11 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cytochrome P450 4A
Isotype:	IgG
Specificity:	This antibody detects Mouse 4A10, 4A14, and 4A12A, Human 4A11 and 4A22
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CYP4A11
Alternative Name:	Cytochrome P450 4A (CYP4A11 Products)

Target Details

Background:	<p>Synonyms: 20-HETE synthase, 20-hydroxyeicosatetraenoic acid synthase, CP4AB_HUMAN, Cyp4a1, Cyp4a10, CYP4A11, Cyp4a14, Cyp4a3, CYP4A7, CYP4AII, CYPIVA11, Cytochrome P-450HK-omega, Cytochrome P450 4A1, Cytochrome P450 4A10, Cytochrome P450 4A11, Cytochrome P450 4A14, Cytochrome P450 4A2, Cytochrome P450 4A3, Cytochrome P450 4A7, Cytochrome P450HL-omega, Fatty acid omega-hydroxylase, Lauric acid omega-hydroxylase.</p> <p>Background: This gene encodes 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. This protein localizes to the endoplasmic reticulum and hydroxylates medium-chain fatty acids such as laurate and myristate. [provided by RefSeq, Jul 2008].</p>
Gene ID:	1579
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB 1:300-5000 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months