



[Go to Product page](#)

Datasheet for ABIN360251

## anti-CYP4A11 antibody (C-Term)

### 1 Image

#### Overview

Quantity:	0.4 mL
Target:	CYP4A11
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP4A11 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

#### Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human CYP4A11.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CYP4A11.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

#### Target Details

Target:	CYP4A11
Alternative Name:	CYP4A11 ( <a href="#">CYP4A11 Products</a> )
Background:	CYP4A11 is a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450

## Target Details

---

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. Synonyms: CYP4A2, CYP4A11, CYP11A1, Cytochrome P-450 HK omega, Cytochrome P450 4A11, Fatty acid omega-hydroxylase, Lauric acid omega-hydroxylase

Gene ID: 1579, 9606

UniProt: [Q02928](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha, Monocarboxylic Acid Catabolic Process](#)

## Application Details

---

Application Notes: ELISA: 1/1,000. Western blotting: 1/50 - 1/100.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

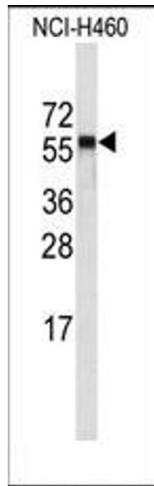
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



**Image 1.**