

[Go to Product page](#)

Datasheet for ABIN7163433  
**anti-CYP4F11 antibody (AA 38-524) (HRP)**

## Overview

Quantity:	100 µg
Target:	CYP4F11
Binding Specificity:	AA 38-524
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP4F11 antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Phylloquinone omega-hydroxylase CYP4F11 protein (38-524AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	CYP4F11
Alternative Name:	CYP4F11 ( <a href="#">CYP4F11 Products</a> )
Background:	Background: Omega-hydroxylase that oxidizes a variety of structurally unrelated compounds, including fatty acids and xenobiotics. Plays a key role in vitamin K catabolism by mediating

## Target Details

omega-hydroxylation of vitamin K1 (phylloquinone), and menaquinone-4 (MK-4), a form of vitamin K2. Hydroxylation of phylloquinone and MK-4 probably regulates blood coagulation (PubMed:24138531). Catalyzes omega-hydroxylation of 3-hydroxy fatty acids, such as 3-hydroxypalmitate, 3-hydroxyoleate, 3-hydroxyarachidonate, and 3-hydroxystearate (PubMed:18065749, PubMed:19932081). Oxidizes drugs such as erythromycin, benzphetamine, ethylmorphine, chlorpromazine and imipramine.

Aliases: CYP4F11 Cytochrome P450 4F11 antibody, CYP11F11 antibody, EC 1.14.14.1 antibody, 3-hydroxy fatty acids omega-hydroxylase CYP4F11 antibody, Docosahexaenoic acid omega-hydroxylase antibody, EC 1.14.14.79 antibody, Long-chain fatty acid omega-monooxygenase antibody, EC 1.14.14.80 antibody, Phylloquinone omega-hydroxylase CYP4F11 antibody, EC 1.14.14.78 antibody

UniProt: [Q9HBI6](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.