Datasheet for ABIN7163431

anti-CYP4F11 antibody (AA 38-524) (Biotin)

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Overview

Quantity:	100 µg
Target:	CYP4F11
Binding Specificity:	AA 38-524
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP4F11 antibody is conjugated to Biotin
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 (CYP4F11 Products)
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: CYP4F11Cytochrome P450 4F11 antibody, CYPIVF11 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.