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Datasheet for ABIN7113278 anti-CYP4F3 antibody

Overview

Quantity:	100 µg
Target:	CYP4F3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP4F3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	cytochrome P450, family 4, subfamily F, polypeptide 3
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	CYP4F3
Alternative Name:	CYP4F3 (CYP4F3 Products)
Background:	Synonyms:LTB4H Background:Isoform CYP4F3A: Catalyzes the omega-hydroxylation of leukotriene-B(4), a potent chemoattractant for polymorphonuclear leukocytes, it has low activity for arachidonic acid. Isoform CYP4F3B: Shows arachidonic acid omega-hydroxylase activity by mediating conversion of arachidonic acid to 20-hydroxyeicosatetraenoic acid(20-

Target Details

HETE)(PubMed:11461919, PubMed:16820285). Has a 30-fold higher Km for leukotriene-B(4) compared with CYP4F3A(PubMed:11461919). Also converts eicosapentaenoate(EPA) to 20-hydroxyeicosapentaenoate(20-OH-EPA)(PubMed:16820285). Acts as a polyunsaturated omega-3 fatty acids hydroxylase: mediates conversion of docosahexaenoate(DHA) to 22-hydroxydocosahexaenoate(PubMed:16820285).

Molecular Weight:	60 kDa
Gene ID:	4051
UniProt:	Q08477
Pathways:	Steroid Hormone Biosynthesis , C21-Steroid Hormone Metabolic Process , Monocarboxylic Acid Catabolic Process

Application Details

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

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months