

Rabbit anti-Human CYP4F3 Polyclonal Antibody | anti-CYP4F3 antibody

CYP4F3 Antibody (N-term)

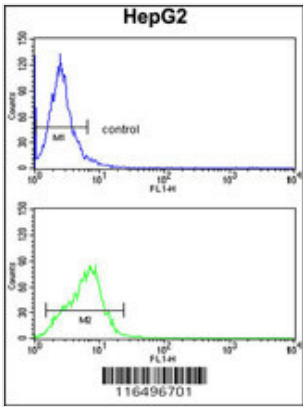
CATALOG # AAA290410	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

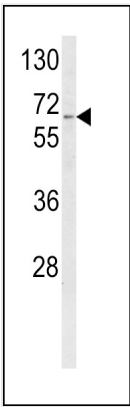
CYP4F3; Polyclonal Antibody; CYP4F3 Antibody (N-term); Docosahexaenoic acid omega-hydroxylase CYP4F3; 20-hydroxyeicosatetraenoic acid synthase; 20-HETE synthase; 11413-; CYP4F3; Cytochrome P450 4F3; Cytochrome P450-LTB-omega; Leukotriene-B(4) 20-monooxygenase 2; Leukotriene-B(4) omega-hydroxylase 2; LTB4H; anti-CYP4F3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CYP4F3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 77-109 amino acids from the N-terminal region of human CYP4F3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	77-109
Sequence Length	520
Applicable Applications for anti-CYP4F3 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CYP4F3 Antibody (N-term) flow cytometry analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of CYP4F3 Antibody (N-term) in K562 cell line lysates (35ug/lane). CYP4F3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP4F3 antibody	CYP4F3 is 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. The enzyme starts the process of inactivating and degrading leukotriene B4, a potent mediator of inflammation.
Product Categories/Family for anti-CYP4F3 antibody	Cardiovascular; Metabolism; Signal transduction
References	Kikuta,Y., et.al., FEBS Lett. 348 (1), 70-74 (1994) Kikuta,Y., et.al., DNA Cell Biol. 17 (3), 221-230 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119220562
NCBI GeneID	4051
NCBI Accession #	NP_000887.2; NP_001186137.1; NP_001186138.1
NCBI GenBank Nucleotide #	NM_000896.2
UniProt Accession #	Q08477; O60634; Q5U740; B7Z8Z3
Molecular Weight	59847
NCBI Official Full Name	docosahexaenoic acid omega-hydroxylase CYP4F3 isoform a
NCBI Official Synonym Full Names	cytochrome P450, family 4, subfamily F, polypeptide 3
NCBI Official Symbol	CYP4F3
NCBI Official Synonym Symbols	CPF3; CYP4F; LTB4H
NCBI Protein Information	docosahexaenoic acid omega-hydroxylase CYP4F3
UniProt Protein Name	Docosahexaenoic acid omega-hydroxylase CYP4F3
UniProt Gene Name	CYP4F3
UniProt Synonym Gene Names	LTB4H; 20-HETE synthase
UniProt Entry Name	CP4F3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cyp4f3-antibody-flow-cytometry-western-blot-elisa/290410>