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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CYP4F3 polyclonal antibody (A01)

Catalog # : H00004051-A01

規格 : [50 uL]

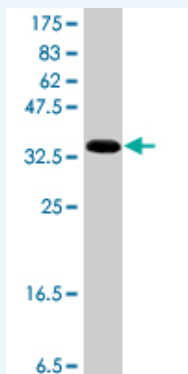
[List All](#)

Specification

Product Description:	Mouse polyclonal antibody raised against a partial recombinant CYP4F3.
Immunogen:	CYP4F3 (NP_000887, 100 a.a. ~ 198 a.a) partial recombinant protein with GST tag.
Sequence:	RIFHPTYIKPVLFAAAIVPKDKVFYSFLKPWLGDLLLSAGEKWSRHRR MLTPAFHFNILKPYMKIFNESVNIMHAKWQLLASEGSARLDMFEHISLM
Host:	Mouse
Reactivity:	Human, Mouse

Quality Control Antibody Reactive Against Recombinant Protein.

Testing:



Western Blot detection against Immunogen (37 KDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

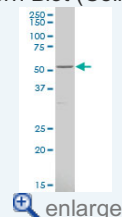
Datasheet: [Download](#)

Publication Reference

- [Immunochemical quantification of cynomolgus CYP2J2, CYP4A and CYP4F enzymes in liver and small intestine.](#)
Uehara S, Murayama N, Nakanishi Y, Nakamura C, Hashizume T, Zeldin DC, Yamazaki H, Uno Y. *Xenobiotica*. 2014 Aug 20:1-7.
- [Comparison of toxicity of benzene metabolite hydroquinone in hematopoietic stem cells derived from murine embryonic yolk sac and adult bone marrow.](#)
Zhu J, Wang H, Yang S, Guo L, Li Z, Wang W, Wang S, Huang W, Wang L, Yang T, Ma Q, Bi Y. *PLoS One*. 2013 Aug 5;8(8):e711153. doi: 10.1371/journal.pone.0071153. Print 2013.
- [Induction of CYP4F3 by benzene metabolites in human white blood cells in vivo, in human promyelocytic leukemic cell lines, and ex vivo in human blood neutrophils.](#)
Zhao Z, He X, Bi Y, Xia Y, Tao N, Li L, Ma Q. *Drug Metab Dispos*. 2009 Feb;37(2):282-91. Epub 2008 Nov 24.

Application Image

Western Blot (Cell lysate)

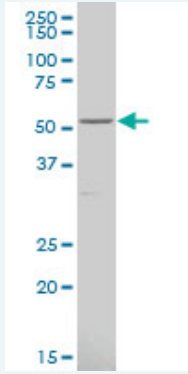


Western Blot (Recombinant protein)

ELISA

Applications

Western Blot (Cell lysate)



CYP4F3 polyclonal antibody (A01), Lot # UNO2060310QCS1 Western Blot analysis of CYP4F3 expression in NIH/3T3 (Cat # L018V1).

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [4051](#)

GeneBank [NM_000896](#)
Accession#:

Protein [NP_000887](#)
Accession#:

Gene Name: CYP4F3

Gene Alias: CPF3,CYP4F,LTB4H

Gene Description: cytochrome P450, family 4, subfamily F, polypeptide 3

Omim ID: [601270](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene, CYP4F3, encodes 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. This gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F8, is approximately 18 kb away. [provided by RefSeq]

Other Designations: cytochrome P-450,cytochrome P450, subfamily IVF, polypeptide 3 (leukotriene B4 omega hydroxylase),cytochrome P450-LTB-omega,leukotriene B4 omega hydroxylase,leukotriene-B4 20-monooxygenase

Gene Pathway

[Arachidonic acid metabolism](#) [Metabolic pathways](#)

