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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FMO3 MaxPab rabbit polyclonal antibody (D01)

Catalog Number: H00002328-D01

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human FMO3 protein.

Immunogen: FMO3 (AAH32016.1, 1 a.a. ~ 532 a.a) full-length human protein.

Sequence:

MGKKVAIIGAGVSGLASIRSCLEEGLEPTCFEKSNDIG
GLWKFSDHAEGRASIYKSVFSNSSKEMMCFDPDFPF
DDFPNFMHNSKIQEYIIAFAKEKNLLKYIQFKTFVSSVN
KHPDFATTGQWDVTTTERDGKKESAVFDVAVMVCSGHH
VYPNLPKESFPGLNHFKGKCFHSRDYKEPGVFNGKRV
LVVGLGNSGCDIATELSRTAEQVMISSRSGSWMSRV
WDNGYPWDMLLVTRFGTFLKNNLPTAISDWLYMKQM
NARFKHENYGLMPLNGVLRKEPVFNDELPAISLGGIVS
VKPNVKEFTETSAIFEDGTIFEGIDCVIFATGYSFAYPFL
DESIKSRNNEIILFKGVFPPLLEKSTIAVIGFVQSLGAAI
PTVDLQSRWAAQVIKGTCTLPSMEDMMNDINEKMEKK
RKWFGKSETIQTDYIVYMDELSSFIGAKPNIPWLFLTDP
KLAMEVYFGPCSPYQFRLVGPQWPGARNAILTQWD
RSLKPMQTRVVGRLKQKPCFFHHLKLFaipilliaVFLV
LT

Host: Rabbit

Reactivity: Human

Applications: IP, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: No additive

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

Entrez GeneID: 2328

Gene Symbol: FMO3

Gene Alias: FMOII, MGC34400, TMAU, dJ127D3.1

Gene Summary: Flavin-containing monooxygenases (FMO) are an important class of drug-metabolizing enzymes that catalyze the NADPH-dependent oxygenation of various nitrogen-, sulfur-, and phosphorous-containing xenobiotics such as therapeutic drugs, dietary compounds, pesticides, and other foreign compounds. The human FMO gene family is composed of 5 genes and multiple pseudogenes. FMO members have distinct developmental- and tissue-specific expression patterns. The expression of this FMO3 gene, the major FMO expressed in adult liver, can vary up to 20-fold between individuals. This inter-individual variation in FMO3 expression levels is likely to have significant effects on the rate at which xenobiotics are metabolised and, therefore, is of considerable interest to the pharmaceutical industry. This transmembrane protein localizes to the endoplasmic reticulum of many tissues. Alternative splicing of this gene results in multiple transcript variants encoding the same protein. Mutations in this gene cause the disorder trimethylaminuria (TMAu) which is characterized by the accumulation and excretion of unmetabolized trimethylamine and a distinctive body odor. In healthy individuals, trimethylamine is primarily converted to the non odorous trimethylamine N-oxide]