JC832629

FMO1 Antibody

Order 021-34695924
orders@ab-mart.com
Support 400-6123-828
support1@ab-mart.com
Web www.ab-mart.com.cn

☐ 50ul
☐ 100 uL

Description：
Metabolic N-oxidation of the diet-derived amino-trimethylamine (TMA) is mediated by flavin-containing monooxygenase and is subject to an inherited FMO3 polymorphism in man resulting in a small subpopulation with reduced TMA N-oxidation capacity resulting in fish odor syndrome Trimethylaminuria. Three forms of the enzyme, FMO1 found in fetal liver, FMO2 found in adult liver, and FMO3 are encoded by genes clustered in the 1q23-q25 region. Flavin-containing monooxygenases are NADPH-dependent flavoenzymes that catalyzes the oxidation of soft nucleophilic heteroatom centers in drugs, pesticides, and xenobiotics.

Uniprot： G5E5R0, Q01740

Alternative Names：
Dimethylaniline monooxygenase [N-oxide-forming] 1; Dimethylaniline oxidase 1; Fetal hepatic flavin-containing monooxygenase 1; Flavin-containing monooxygenase 1 (fetal liver); FMO 1;

Reactivity： Cow, Human, Mouse, Rat

Source： Mouse monoclonal

Mol.Wt.： 58kDa

Storage Condition ： Store at -20 °C. Stable for 12 months from date of receipt.

Application ： WB 1:500-1:2000, IP 1:50-100