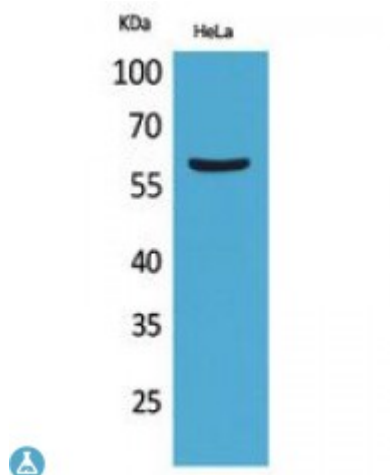


Anti-FMO3 antibody



Description	Rabbit polyclonal to FMO3.
Model	STJ96818
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human FMO3.
Immunogen Region	91-140 aa, Internal
Gene ID	2328
Gene Symbol	FMO3
Dilution range	WB 1:500-1:2000IHC-P 1:100-1:300ELISA 1:20000
Specificity	FMO3 Polyclonal Antibody detects endogenous levels of FMO3 protein.
Tissue Specificity	Liver.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Dimethylaniline monooxygenase N-oxide-forming 3 Dimethylaniline oxidase 3 FMO II FMO form 2 Hepatic flavin-containing monooxygenase 3 FMO 3 Trimethylamine monooxygenase
Molecular Weight	58 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:3771OMIM:136132
Alternative Names	Dimethylaniline monooxygenase N-oxide-forming 3 Dimethylaniline oxidase 3 FMO II FMO form 2 Hepatic flavin-containing monooxygenase 3 FMO 3 Trimethylamine monooxygenase
Function	Involved in the oxidative metabolism of a variety of xenobiotics such as drugs and pesticides. It N-oxygenates primary aliphatic alkylamines as well as secondary and tertiary amines. Plays an important role in the metabolism of trimethylamine (TMA), via the production of TMA N-oxide (TMAO). Is also able to perform S-oxidation when acting on sulfide compounds .
Cellular Localization	Microsome membrane. Endoplasmic reticulum membrane.

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