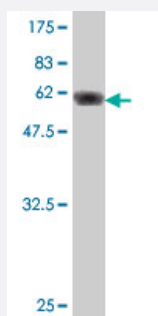


FMO5 polyclonal antibody (A01)

Catalog # H00002330-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (57.46 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant FMO5.
Immunogen	FMO5 (AAH35687, 1 a.a. ~ 285 a.a) full-length recombinant protein with GST tag.
Sequence	MTKKRIAVIGGGVSGGLSSIKCCVEEGLEPVCFERTDDIGGLWRFQENPEEGRASYKSVIINTSKEM MCFSDYPIPDHYPNFMHNAQVLEYFRMYAKEFDLLKYIRFKTTVCSVKKQPDFATSGQWEVVTES EGKKEMNVFDGVMVCTGHHTNAHLPLESFPGIEKFKGQYFHSRDYKNPEGFTGKRVIIIGIGNSGG DLAVEISQTAKQVFLSTRRGAWILNRVGDYGYPADVLFSSRLTHFWKICGQSLANKYLEKKINQRF DHEMFGLKPKHRSKDIALTE
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (57.46 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — FMO5

Entrez GeneID [2330](#)

GeneBank Accession# [BC035687](#)

Protein Accession# [AAH35687](#)

Gene Name FMO5

Gene Alias -

Gene Description flavin containing monooxygenase 5

Omim ID [603957](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 Trimethyl aminuria. 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations OTTHUMP00000016306

Pathway

- [Drug metabolism - cytochrome P450](#)

Disease

- [Hearing Loss](#)
- [Kidney Failure](#)

- [Tobacco Use Disorder](#)