

Rabbit anti-Human, Mouse FMO1 Polyclonal Antibody | anti-FMO1 antibody

FMO1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311432	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

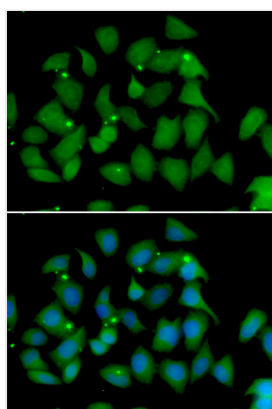
PRODUCT SYNONYMS

FMO1; Polyclonal Antibody; FMO1 Polyclonal Antibody; flavin containing monooxygenase 1; anti-FMO1 antibody

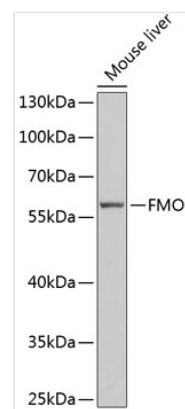
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Sequence Length	532
Applicable Applications for anti-FMO1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human FMO1 (NP_002012.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using FMO1 antibody.


WB (Western Blot)

Western blot analysis of extracts of mouse liver, using FMO1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FMO1 antibody	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. Several transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-FMO1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503755
NCBI GeneID	2326
NCBI Accession #	NP_002012.1
NCBI GenBank Nucleotide #	NP_002012.1
UniProt Accession #	Q01740
Molecular Weight	60kDa
NCBI Official Full Name	dimethylaniline monooxygenase
NCBI Official Synonym Full Names	flavin containing dimethylaniline monooxygenase 1
NCBI Official Symbol	FMO1
NCBI Protein Information	dimethylaniline monooxygenase [N-oxide-forming] 1
UniProt Protein Name	Dimethylaniline monooxygenase [N-oxide-forming] 1
UniProt Gene Name	FMO1
UniProt Synonym Gene Names	FMO 1
UniProt Entry Name	FMO1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fmo1-antibody-immunofluorescence-western-blot-elisa/311432>