

Rabbit FMO5 Polyclonal Antibody | anti-FMO5 antibody

FMO5 Rabbit Polyclonal Antibody

CATALOG # AAA314070	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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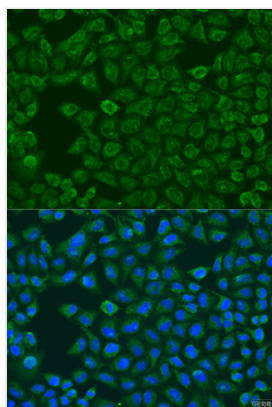
PRODUCT SYNONYMS

FMO5; Polyclonal Antibody; FMO5 Rabbit Polyclonal Antibody; anti-FMO5 antibody

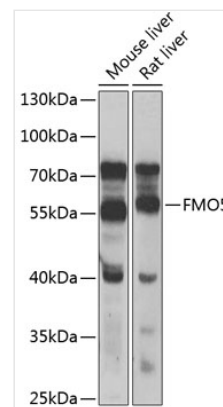
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-FMO5 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human FMO5 (NP_001138302.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using FMO5 at dilution of 1:100. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using FMO5 at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-FMO5 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. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-FMO5 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	1346021
NCBI GeneID	2330
UniProt Accession #	P49326; Q8IV22; B2RBG1; C9JJD1
Molecular Weight	533
NCBI Official Full Name	Dimethylaniline monooxygenase
NCBI Official Synonym Full Names	flavin containing monooxygenase 5
NCBI Official Symbol	FMO5
NCBI Protein Information	dimethylaniline monooxygenase [N-oxide-forming] 5; dimethylaniline monooxygenase [N-oxide-forming] 5; FMO 5; dimethylaniline oxidase 5; hepatic flavin-containing monooxygenase 5
UniProt Protein Name	Dimethylaniline monooxygenase [N-oxide-forming] 5
UniProt Gene Name	FMO5
UniProt Synonym Gene Names	FMO 5
UniProt Entry Name	FMO5_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://www.aaabiotech.com/polyclonal/fmo5-antibody-immunofluorescence-western-blot-elisa/314070>