

Rabbit anti-Human FMO3 Polyclonal Antibody | anti-FMO3 antibody

FMO3 Polyclonal Antibody

CATALOG # AAA296289	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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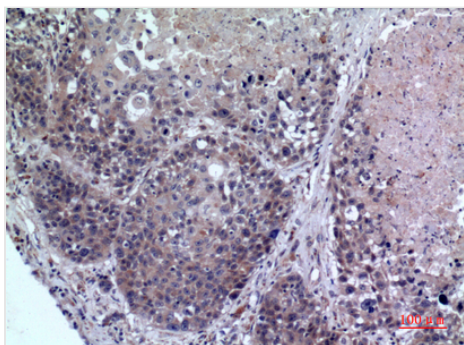
PRODUCT SYNONYMS

FMO3; Polyclonal Antibody; FMO3 Polyclonal Antibody; Dimethylaniline monooxygenase [N-oxide-forming] 3; Dimethylaniline oxidase 3; FMO II; FMO form 2; Hepatic flavin-containing monooxygenase 3; FMO 3; Trimethylamine monooxygenase; anti-FMO3 antibody

PRODUCT SPECIFICATIONS

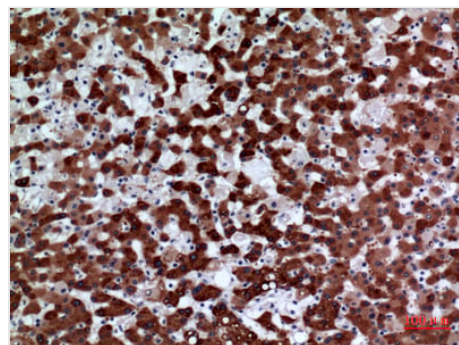
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-FMO3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



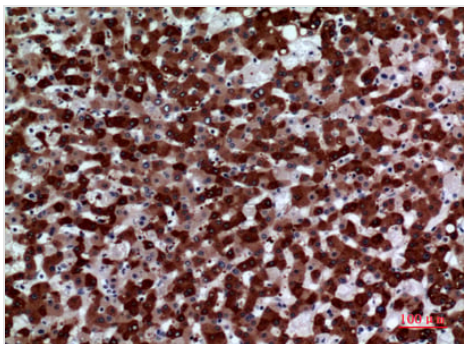
IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.



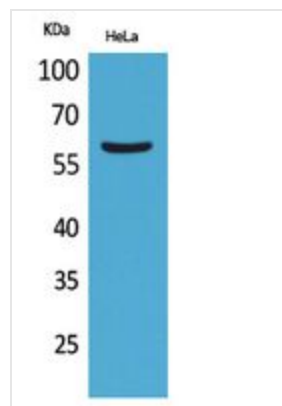
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Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.



IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-FMO3 antibody

Essential hepatic enzyme that catalyzes the oxygenation of a wide variety of nitrogen- and sulfur-containing compounds including drugs as well as dietary compounds (PubMed:30381441). Plays an important role in the metabolism of trimethylamine (TMA), via the production of trimethylamine N-oxide (TMAO) metabolite (PubMed:9776311). TMA is generated by the action of gut microbiota using dietary precursors such as choline, choline containing compounds, betaine or L-carnitine. By regulating TMAO concentration, FMO3 directly impacts both platelet responsiveness and rate of thrombus formation (PubMed:29981269).

NCBI AND UNIPROT INFORMATION

NCBI GI #	6166183
NCBI GeneID	2328
UniProt Accession #	P31513; Q14854; Q8N5N5; B2R816
Molecular Weight	532
NCBI Official Full Name	Dimethylaniline monooxygenase
NCBI Official Synonym Full Names	flavin containing monooxygenase 3
NCBI Official Symbol	FMO3
NCBI Official Synonym Symbols	TMAU; FMOII; dJ127D3.1
NCBI Protein Information	dimethylaniline monooxygenase [N-oxide-forming] 3; dimethylaniline monooxygenase [N-oxide-forming] 3; FMO 3; FMO II; FMO form 2; dimethylaniline oxidase 3; trimethylamine monooxygenase; hepatic flavin-containing monooxygenase 3; hepatic flavin-containing
UniProt Protein Name	Dimethylaniline monooxygenase [N-oxide-forming] 3
UniProt Gene Name	FMO3
UniProt Synonym Gene Names	FMO 3
UniProt Entry Name	FMO3_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/fmo3-antibody-immunohistochemistry-western-blot-elisa/296289>