

Rabbit FMO5 Polyclonal Antibody | anti-FMO5 antibody

FMO5 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199520	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Immunohistochemistry, Western Blot

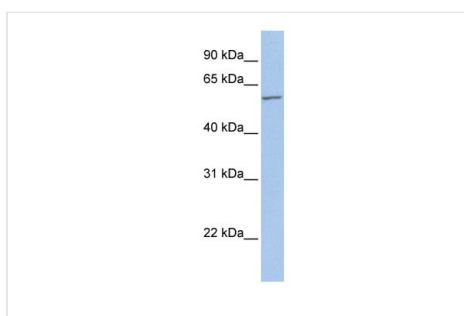
PRODUCT SYNONYMS

FMO5; Polyclonal Antibody; FMO5 antibody - middle region; anti-FMO5 antibody

PRODUCT SPECIFICATIONS

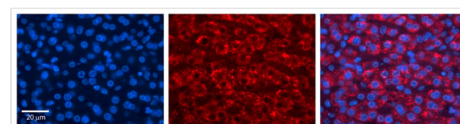
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: NK YLEKKINQRF DHEMFLKPK HRALSQHPTL NDDLPNRIIS GLVKVKGN
Sequence Length	533
Applicable Applications for anti-FMO5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human FMO5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-FMO5 Antibody Titration: 0.2-1 ug/ml Positive Control: Hela cell lysate



IHC (Immunohistochemistry)

FMO5 antibody - middle region Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue
Observed Staining: Cytoplasm in hepatocytes
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-FMO5 antibody	This is a rabbit polyclonal antibody against FMO5. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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
Product Categories/Family for anti-FMO5 antibody	Polyclonal; Membrane Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316672
NCBI GeneID	2330
NCBI Accession #	NP_001452
NCBI GenBank Nucleotide #	NM_001461
UniProt Accession #	P49326
Molecular Weight	59kDa
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
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-immunohistochemistry-western-blot-elisa/199520>