

Rabbit anti-Human FMO2 Polyclonal Antibody | anti-FMO2 antibody

FMO2 antibody

CATALOG # AAA305605	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

FMO2; Polyclonal Antibody; FMO2 antibody; anti-FMO2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	535
Applicable Applications for anti-FMO2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 74 and 324 of FMO2
Target Name	FMO2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded A549 xenograft, using FMO2 antibody at 1: 500 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: Hep G2 10% SDS PAGE Primary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-FMO2 antibody	The flavin-containing monooxygenases are NADPH-dependent enzymes that catalyze the oxidation of many drugs and xenobiotics. In most mammals, there is a flavin-containing monooxygenase that catalyzes the N-oxidation of some primary alkylamines through an N-hydroxylamine intermediate. However, in humans, this enzyme is truncated and is probably rapidly degraded. The protein encoded by this gene represents the truncated form and apparently has no catalytic activity. A functional allele found in African Americans has been reported, but no sequence evidence has been deposited to support the finding. This gene is found in a cluster with the FMO1, FMO3, and FMO4 genes on chromosome 1. [provided by RefSeq]
Product Categories/Family for anti-FMO2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	672228738
NCBI GeneID	2327
NCBI Accession #	NP_001451
NCBI GenBank Nucleotide #	NM_001460.4
Molecular Weight	53,644 Da
NCBI Official Full Name	dimethylaniline monooxygenase
NCBI Official Synonym Full Names	flavin containing monooxygenase 2 (non-functional)
NCBI Official Symbol	FMO2
NCBI Official Synonym Symbols	FMO1B1
NCBI Protein Information	dimethylaniline monooxygenase [N-oxide-forming] 2
UniProt Protein Name	Dimethylaniline monooxygenase [N-oxide-forming] 2
UniProt Gene Name	FMO2
UniProt Synonym Gene Names	FMO 2
UniProt Entry Name	FMO2_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/fmo2-antibody-immunohistochemistry-western-blot-elisa/305605>