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Datasheet for ABIN1886640
anti-FMO2 antibody (AA 74-324)

Overview

Quantity:	100 µL
Target:	FMO2
Binding Specificity:	AA 74-324
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FMO2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 74 and 324 of FMO2
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	FMO2
Alternative Name:	FMO2 (FMO2 Products)
Background:	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

Target Details

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]

Molecular Weight: 54 kDa

Gene ID: 2327

NCBI Accession: [NM_001460](#), [NP_001451](#)

Application Details

Application Notes: Suggested dilutions:
Western blotting: 1.500-1.3000
Immunohistochemistry: 1.100-1.500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 0.1 M Tris-buffered saline with 10 % Glycerol (pH 7.0). 0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

Precaution of Use: Biohazard Informations: This product contains thimerosal which is hazardous.

Storage: 4 °C/-20 °C

Storage Comment: Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.