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Datasheet for ABIN1885923 **anti-FMO1 antibody (AA 1-407)**

Overview

Quantity:	100 µL
Target:	FMO1
Binding Specificity:	AA 1-407
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FMO1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 407 of Human FMO1
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	FMO1
Alternative Name:	flavin containing monooxygenase 1 (FMO1 Products)
Background:	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

Target Details

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.[provided by RefSeq]

Molecular Weight: 60 kDa

Gene ID: 2326

NCBI Accession: [NP_002012](#), [NM_002021](#)

Application Details

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

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.