.-online.com antibodies

Datasheet for ABIN2854460 anti-FMO1 antibody

Image



Overview

Quantity:	100 µL
Target:	FM01
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FM01 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human FMO1. The exact sequence is proprietary.
lsotype:	lgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to FMO1 (flavin containing monooxygenase 1) FMO1 antibody [N1C2]
Purification:	Purified by antigen-affinity chromatography.
Target Details	

Target:	FM01
Alternative Name:	flavin containing monooxygenase 1 (FMO1 Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2854460 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target Details

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 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.

Cellular Localization: Microsome membrane , Endoplasmic reticulum membrane

Molecular Weight:	60 kDa
Gene ID:	2326
UniProt:	Q01740

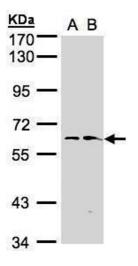
Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
	Not tested in other applications.
Comment:	Positive Control: HepG2 , Raji
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid
	multiple freeze-thaw cycles.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN2854460 | 09/11/2023 | Copyright antibodies-online. All rights reserved. Images



Western Blotting

Image 1. WB Image Sample(30 ug whole cell lysate) A:Hep G2 , B:Raji , 7.5% SDS PAGE antibody diluted at 1:1000

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN2854460 | 09/11/2023 | Copyright antibodies-online. All rights reserved.