

flavin containing monooxygenase 1 antibody

Catalog No: #22997

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Description

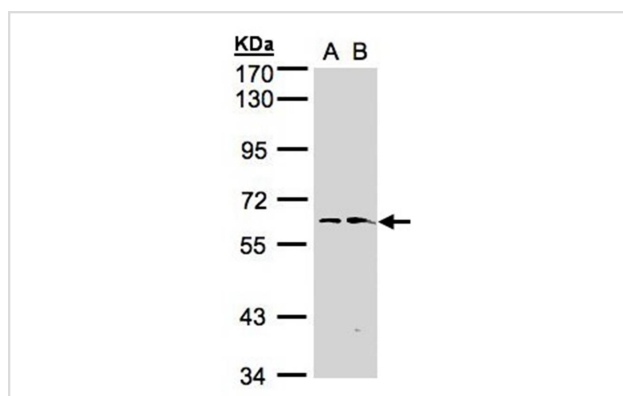
Product Name	flavin containing monooxygenase 1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 407 of Human FMO1
Target Name	flavin containing monooxygenase 1
Accession No.	Swiss-Prot:Q01740Gene ID:2326
Uniprot	Q01740
GeneID	2326;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 60kd

Western blotting: 1:500-1:3000

Images



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

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. [provided by RefSeq]

Note: This product is for in vitro research use only