FMO5 Antibody

Catalog No: #42893

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Description

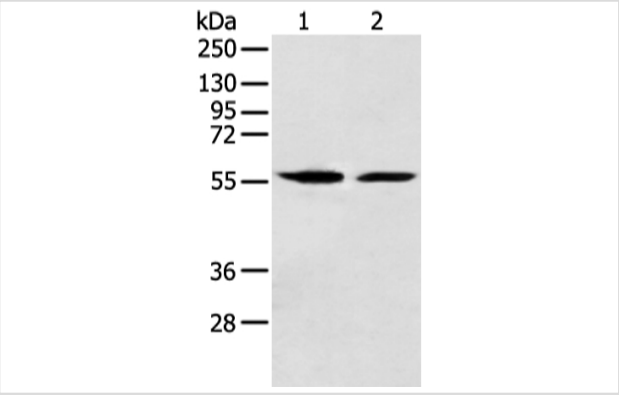
Product Name	FMO5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total FMO5 protein.
Immunogen Description	Fusion protein of human FMO5
Target Name	FMO5
Other Names	Dimethylaniline monooxygenase [N-oxide-forming] 5; Dimethylaniline oxidase 5; flavin containing monooxygenase 5
Accession No.	Swiss-Prot#: P49326?Gene ID: 2330
Uniprot	P49326
GeneID	2330;
Calculated MW	60kd
Concentration	1.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

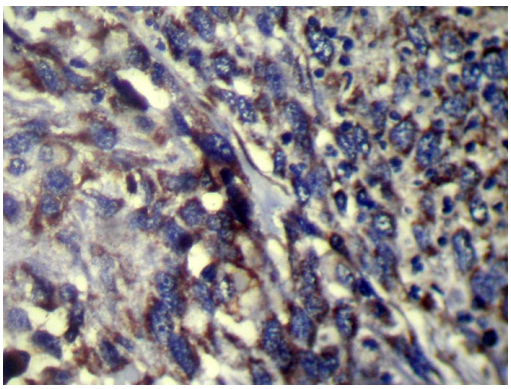
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:100-1:200

Images



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Human fetal liver and mouse lung tissue
Primary antibody: 1/250 dilution
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human Esophagus cancer tissue using #42893 at dilution 1/100,

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.?

Note: This product is for in vitro research use only