

Product datasheet for TA371003

FMO2 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB: 500-2000

WB positive control: HepG2 cell lysate

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Fusion protein of human FMO2

Formulation: pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Concentration: lot specific

Purification: Antigen affinity purification

Conjugation: Unconjugated Storage: Store at -20°C.

Stability: 1 year Predicted Protein Size: 61 kDa

Gene Name: flavin containing monooxygenase 2

Database Link: Entrez Gene 2327 Human

Q99518

Background: This gene encodes a flavin-containing monooxygenase family member. It is an NADPH-

dependent enzyme that catalyzes the N-oxidation of some primary alkylamines through an

N-hydroxylamine intermediate. However, some human populations contain an allele

(FMO2*2A) with a premature stop codon, resulting in a protein that is C-terminally-truncated, has no catalytic activity, and is likely degraded rapidly. This gene is found in a cluster with other related family members on chromosome 1. Alternative splicing results in multiple

transcript variants.

Synonyms: FLJ40826; FMO1B1



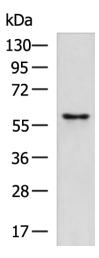
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Product images:



Gel: 8%SDS-PAGE Lysate: 40 µg

Lane: HepG2 cell lysate

Primary antibody: TA371003 (FMO2 Antibody) at

dilution 1/700

Secondary antibody: Goat anti rabbit IgG at

1/5000 dilution

Exposure time: 2 minutes