

## 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% NaN <sub>3</sub> , 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:	<a href="#">Entrez Gene 2327 Human Q99518</a>

**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:

kDa  
130—  
95—  
72—  
55—  
36—  
28—  
17—



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