

# FMO5 Rabbit Polyclonal Antibody



CAB7673

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

60kDa

### Calculated MW:

32kDa/52kDa/60kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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. Alternative splicing results in multiple transcript variants.

## Immunogen information

### Gene ID:

2330

### Uniprot

P49326

### Synonyms:

FMO5

### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-285 of human FMO5 (NP\_001138302.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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