

Product datasheet for **TA343133**

FMO2 Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-FMO2 antibody: synthetic peptide directed towards the N terminal of human FMO2. Synthetic peptide located within the following region: KYIQFQTTVLSVRKCPDFSSSGQWKVVTQSNGKEQSAVFDVAVMVCSGHHI |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 54 kDa |
| Gene Name: | flavin containing monooxygenase 2 |
| Database Link: | NP_001451 Entrez Gene 2327 Human Q99518 |
| Background: | The flavin-containing monooxygenases are NADPH-dependent enzymes that catalyze the oxidation of many drugs and xenobiotics. In most mammals, there is a flavin-containing monooxygenase that catalyzes the N-oxidation of some primary alkylamines through an N-hydroxylamine intermediate. However, in humans, this enzyme is truncated and is probably rapidly degraded. The protein encoded by this gene represents the truncated form and apparently has no catalytic activity. A functional allele found in African Americans has been reported, but no sequence evidence has been deposited to support the finding. This gene is found in a cluster with the FMO1, FMO3, and FMO4 genes on chromosome 1. |



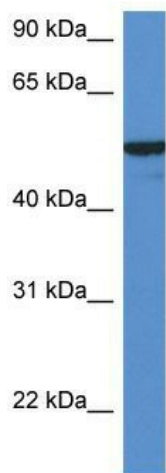
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Synonyms: FMO1B1

Note: Immunogen Sequence Homology: Rat: 100%; Human: 100%; Pig: 93%; Rabbit: 93%; Guinea pig: 93%; Horse: 86%; Bovine: 86%; Mouse: 85%

Protein Pathways: Drug metabolism - cytochrome P450

Product images:



WB Suggested Anti-FMO2 Antibody; Titration: 1.0 ug/ml; Positive Control: 293T Whole Cell