

## Product datasheet for **AP17395PU-N**

### FMO3 (N-term) Rabbit Polyclonal Antibody

#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Applications:         | WB   |
| Recommended Dilution: | Western blot: 1:100 - 1:500.<br>ELISA: 1:1,000.  |
| Reactivity:           | Human  |
| Host:                 | Rabbit   |
| Clonality:            | Polyclonal   |
| Immunogen:            | KLH conjugated synthetic peptide selected from the N-terminal region of human FMO3   |
| Specificity:          | This antibody detects FMO3 at N-term.  |
| Formulation:          | PBS with 0.09% (W/V) sodium azide<br>State: Liquid Ig fraction   |
| Concentration:        | lot specific   |
| Purification:         | Purified through a protein A column, followed by peptide affinity purification   |
| Conjugation:          | Unconjugated   |
| Storage:              | Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.   |
| Stability:            | Shelf life: one year from despatch.  |
| Gene Name:            | flavin containing monooxygenase 3  |
| Database Link:        | <a href="#">Entrez Gene 2328 Human P31513</a>  |
| Background:           | FMO3 is involved in the oxidative metabolism of a variety of xenobiotics such as drugs and pesticides. It N-oxygenates primary aliphatic alkylamines as well as secondary and tertiary amines. It plays an important role in the metabolism of trimethylamine (TMA), via the production of TMA N-oxide (TMAO). Is also able to perform S-oxidation when acting on sulfide compounds. |
| Synonyms:             | FMO form 2, FMO II, Dimethylaniline oxidase 3  |
| Note:                 | Molecular weight: 60033 Da   |

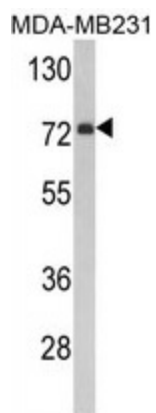


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Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Drug metabolism - cytochrome P450

### Product images:



Western blot analysis of FMO3 Antibody (N-term) in MDA-MB231 cell line lysates (35 ug/lane). FMO3 (arrow) was detected using the purified Pab.