

#### OriGene Technologies, Inc.

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# **Product datasheet for TA360156**

### Monoamine Oxidase A (MAOA) Rabbit Polyclonal Antibody

#### **Product data:**

| Product Type:           | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications:           | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reactivity:             | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Host:                   | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clonality:              | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen:              | The immunogen is a synthetic peptide directed towards the middle region of human MAOA                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity:            | Expected reactivity: Human                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br>Note that this product is shipped as lyophilized powder to China customers.                                                                                                                                                                                                                                                                                           |
| Concentration:          | lot specific                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purification:           | Affinity purified                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Conjugation:            | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Storage:                | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                    |
| Stability:              | Shelf life: one year from despatch.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Predicted Protein Size: | 60 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Name:              | monoamine oxidase A                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Database Link:          | <u>NP_000231.1</u><br><u>Entrez Gene 4128 Human</u><br><u>P21397</u>                                                                                                                                                                                                                                                                                                                                                                                                       |
| Background:             | This gene is one of two neighboring gene family members that encode mitochondrial<br>enzymes which catalyze the oxidative deamination of amines, such as dopamine,<br>norepinephrine, and serotonin. Mutation of this gene results in Brunner syndrome. This gene<br>has also been associated with a variety of other psychiatric disorders, including antisocial<br>behavior. Alternatively spliced transcript variants encoding multiple isoforms have been<br>observed. |
| Synonyms:               | MAO-A                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

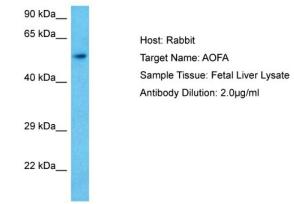


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| <b>ORIGENE</b> Monoamine Oxidase A (MAOA) Rabbit Polyclonal Antibody – TA360156 |                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Families:                                                               | Druggable Genome                                                                                                                                                                                                                   |
| Protein Pathways:                                                               | Arginine and proline metabolism, Drug metabolism - cytochrome P450, Glycine, serine and<br>threonine metabolism, Histidine metabolism, Metabolic pathways, Phenylalanine metabolism,<br>Tryptophan metabolism, Tyrosine metabolism |

## **Product images:**



Host: Rabbit Target Name: MAOA Sample Tissue: Human Fetal Liver Antibody Dilution: 1.0ug/ml

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