

#### 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. 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> <u>Entrez Gene 4128 Human</u> <u>P21397</u>
Background:	This gene is one of two neighboring gene family members that encode mitochondrial enzymes which catalyze the oxidative deamination of amines, such as dopamine, norepinephrine, and serotonin. Mutation of this gene results in Brunner syndrome. This gene has also been associated with a variety of other psychiatric disorders, including antisocial behavior. Alternatively spliced transcript variants encoding multiple isoforms have been observed.
Synonyms:	MAO-A

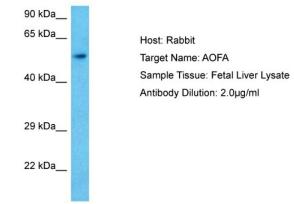


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<b>ORIGENE</b> Monoamine Oxidase A (MAOA) Rabbit Polyclonal Antibody – TA360156	
Protein Families:	Druggable Genome
Protein Pathways:	Arginine and proline metabolism, Drug metabolism - cytochrome P450, Glycine, serine and threonine metabolism, Histidine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