

## Rabbit MAOB Polyclonal Antibody | anti-MAOB antibody

MAOB antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                                             | APPLICATIONS                       |
|-----------|--------|------------------------------------------------------------------------|------------------------------------|
| AAA199276 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish | Western Blot, Immunohistochemistry |

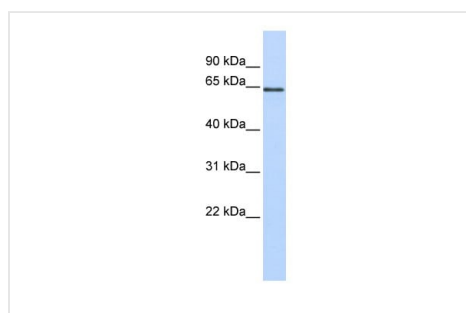
### PRODUCT SYNONYMS

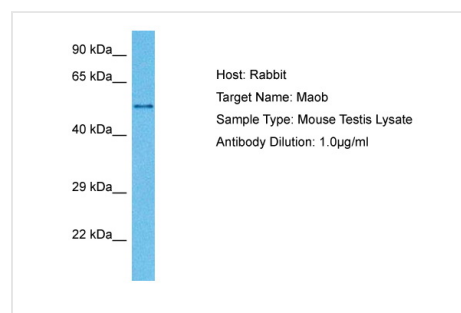
MAOB; Polyclonal Antibody; MAOB antibody - N-terminal region; anti-MAOB antibody

### PRODUCT SPECIFICATIONS

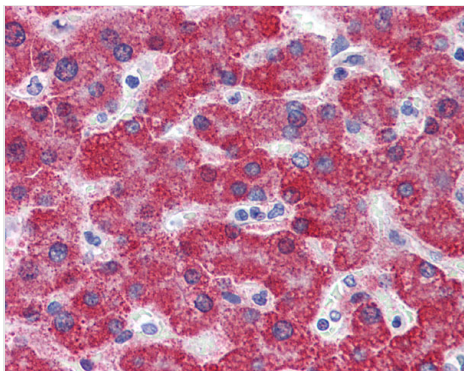
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following sequence: RD RVGGRTYTLR NQVKYVDLG GSYVGPTQNR ILRLAKELGL ETYKVNEV                                                 |
| Sequence Length                                | 520                                                                                                                                                   |
| Applicable Applications for anti-MAOB antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                         |
| Homology                                       | Cow: 100%; Dog: 93%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%                       |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human MAOB                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

WB Suggested Anti-MAOB Antibody Titration: 0.2-1 ug/ml  
ELISA Titer: 1:312500  
Positive Control: Human heart

**WB (Western Blot)**

Host: Mouse  
Target Name: MAOB  
Sample Tissue: Mouse Testis  
Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)  
Liver

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MAOB antibody | <p>This is a rabbit polyclonal antibody against MAOB. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: MAOB belongs to the flavin monoamine oxidase family. It is a enzyme located in the mitochondrial outer membrane. It catalyzes the oxidative deamination of biogenic and xenobiotic amines and plays an important role in the metabolism of neuroactive and vasoactive amines in the central nervous sysytem and peripheral tissues. This protein preferentially degrades benzylamine and phenylethylamine. The protein encoded by this gene belongs to the flavin monoamine oxidase family. It is a enzyme located in the mitochondrial outer membrane. It catalyzes the oxidative deamination of biogenic and xenobiotic amines and plays an important role in the metabolism of neuroactive and vasoactive amines in the central nervous sysytem and peripheral tissues. This protein preferentially degrades benzylamine and phenylethylamine. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> |
| Product Categories/Family for anti-MAOB antibody   | <a href="#">Polyclonal</a> ; <a href="#">Transcription Factor</a> ; <a href="#">Signal Proteins</a> ; <a href="#">Drugs and Drug Metabolism</a> ; <a href="#">Chromatin &amp; Nuclear Signaling</a> ; <a href="#">Disease Related</a> ; <a href="#">DNA/RNA/Protein Interactions</a> ; <a href="#">Immunohistochemistry</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

### NCBI AND UNIPROT INFORMATION

|                                  |                                     |
|----------------------------------|-------------------------------------|
| NCBI GI #                        | <a href="#">38202207</a>            |
| NCBI GeneID                      | <a href="#">4129</a>                |
| NCBI Accession #                 | <a href="#">NP_000889</a>           |
| NCBI GenBank Nucleotide #        | <a href="#">NM_000898</a>           |
| UniProt Accession #              | <a href="#">P27338</a>              |
| Molecular Weight                 | 59kDa                               |
| NCBI Official Full Name          | amine oxidase                       |
| NCBI Official Synonym Full Names | monoamine oxidase B                 |
| NCBI Official Symbol             | MAOB                                |
| NCBI Protein Information         | amine oxidase [flavin-containing] B |
| UniProt Protein Name             | Amine oxidase [flavin-containing] B |
| UniProt Gene Name                | <b>MAOB</b>                         |
| UniProt Synonym Gene Names       | MAO-B                               |
| UniProt Entry Name               | AOFB_HUMAN                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/maob-antibody-western-blot-immunohistochemistry-elisa/199276>