

## Product Datasheet

# MAOB/Monoamine Oxidase B Antibody (orb1537903)

|                             |   |
|-----------------------------|---|
| <b>Catalog Number</b>       | orb1537903  |
| <b>Category</b>             | Antibodies  |
| <b>Description</b>          | MAOB/Monoamine Oxidase B Antibody   |
| <b>Target</b>               | MAOB / Monoamine Oxidase B  |
| <b>Clonality</b>            | Polyclonal  |
| <b>Species/Host</b>         | Goat  |
| <b>Conjugation</b>          | Unconjugated  |
| <b>Reactivity</b>           | Bovine, Equine, Guinea pig, Human, Monkey, Porcine, Rabbit  |
| <b>Concentration</b>        | 0.5 mg/ml   |
| <b>Buffer/Preservatives</b> | TBS, pH 7.3, 0.02% Sodium Azide, 0.5% rAlbumin  |
| <b>Purification</b>         | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| <b>Immunogen</b>            | Peptide with sequence C-HKARKLARLTKEE, from the internal region of the protein sequence according to NP_000889.3.                     |
| <b>Tested applications</b>  | ELISA, IHC, IHC-P, WB   |
| <b>Dilution range</b>       | ELISA (0.5 - 1 µg/ml), IHC, IHC-P (5 µg/ml), Peptide-ELISA (1:32000), WB (0.5 - 1.5 µg/ml)  |

### Biorbyt Ltd.

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

### Biorbyt LLC

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Application notes**

Further information: Immunohistochemistry: This was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration was determined to be 5 ug/ml.

**Specificity**

Human MAOB. This antibody is not expected to cross-react with MAOA.

**Storage**

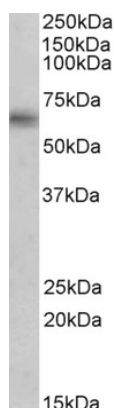
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

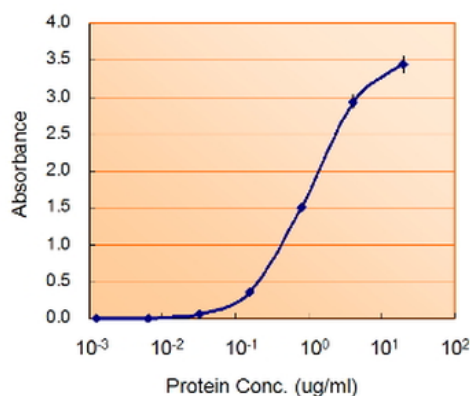
For research use only

**Expiration Date**

12 months from date of receipt.



Goat Anti-MAOB Antibody (0.5 µg/ml) staining of Human Brain (Hippocampus) lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



Goat Anti-MAOB Antibody (0.5 ug/ml).

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Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

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NC 27713-2847  
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