

Anti-Monoamine Oxidase B/MAOB antibody ab88510

★★★★★ [1 Abreviews](#) [3 References](#) [4 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-Monoamine Oxidase B/MAOB antibody |
| Description | Mouse polyclonal to Monoamine Oxidase B/MAOB |
| Host species | Mouse |
| Tested applications | Suitable for: WB, IHC-P, ICC/IF |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant full length protein within Human Monoamine Oxidase B/MAOB. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: NP_000889.3 |
| Positive control | Human liver lysate. Human kidney tissue. heLa cells. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | pH: 7.40 Constituent: PBS Storage buffer 1X PBS |
| Purity | Protein A purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab88510 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|-------|
| WB | ★★★★★ (1) | |
| IHC-P | | |
| ICC/IF | | |

Application notes

ICC/IF: Use at a concentration of 10 µg/ml.

IHC-P: Use at a concentration of 3 µg/ml.

WB: Use at a concentration of 1 µg/ml. Predicted molecular weight: 59 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Catalyzes the oxidative deamination of biogenic and xenobiotic amines and has important functions in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. MAOB preferentially degrades benzylamine and phenylethylamine.

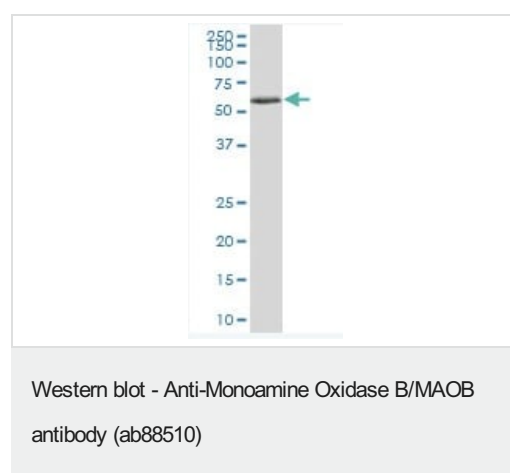
Sequence similarities

Belongs to the flavin monoamine oxidase family.

Cellular localization

Mitochondrion outer membrane.

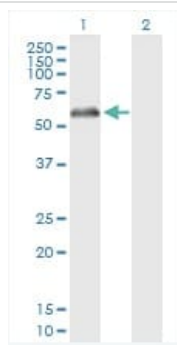
Images



Anti-Monoamine Oxidase B/MAOB antibody (ab88510) at 1 µg/ml
+ Human liver lysate at 50 µg

Predicted band size: 59 kDa

Observed band size: 59 kDa



Western blot - Anti-Monoamine Oxidase B/MAOB antibody (ab88510)

All lanes : Anti-Monoamine Oxidase B/MAOB antibody (ab88510)
at 1 µg/ml

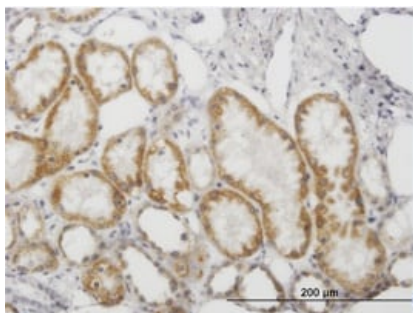
Lane 1 : Transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 50 µg per lane.

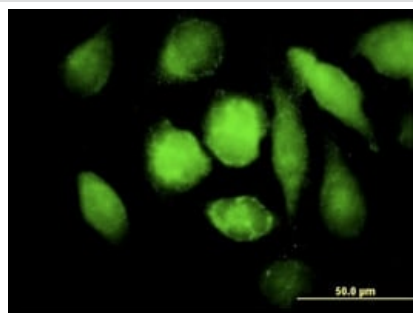
Predicted band size: 59 kDa

Observed band size: 59 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Monoamine Oxidase B/MAOB antibody (ab88510)

Purified ab88510 at 3ug/ml staining Monoamine Oxidase B/MAOB in formalin-fixed, paraffin embedded Human kidney tissue.



Immunocytochemistry/ Immunofluorescence - Anti-Monoamine Oxidase B/MAOB antibody (ab88510)

Immunofluorescent staining of Monoamine Oxidase B/MAOB in HeLa cells using purified ab88510 at 10ug/ml.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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