


## Product datasheet

# Anti-Monoamine Oxidase B/MAOB antibody ab137778

[3 References](#) [3 Images](#)

### Overview

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<b>Product name</b>	Anti-Monoamine Oxidase B/MAOB antibody
<b>Description</b>	Rabbit polyclonal to Monoamine Oxidase B/MAOB
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Rat, Cow, Dog, Pig 
<b>Immunogen</b>	Recombinant fragment corresponding to Human Monoamine Oxidase B/MAOB aa 163-501. Database link: <a href="#">P27338</a>
<b>Positive control</b>	HepG2 and Mouse liver whole cell lysates; Human OVCA xenograft tissue.
<b>General notes</b>	<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&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab137778 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
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/500 - 1/3000. Predicted molecular weight: 59 kDa.

## 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.

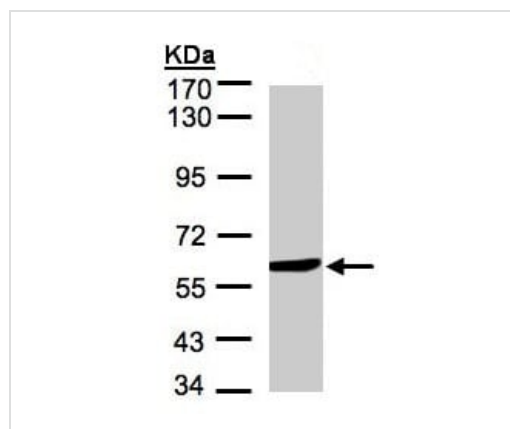
### Sequence similarities

Belongs to the flavin monoamine oxidase family.

### Cellular localization

Mitochondrion outer membrane.

## Images

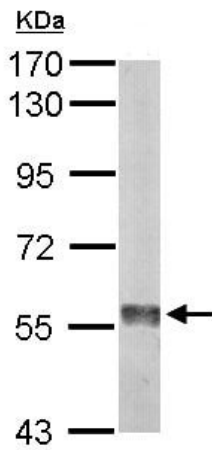


Anti-Monoamine Oxidase B/MAOB antibody (ab137778) at 1/1500 dilution + HepG2 whole cell lysate at 30 µg

**Predicted band size:** 59 kDa

7.5% SDS PAGE

Western blot - Anti-Monoamine Oxidase B/MAOB antibody (ab137778)

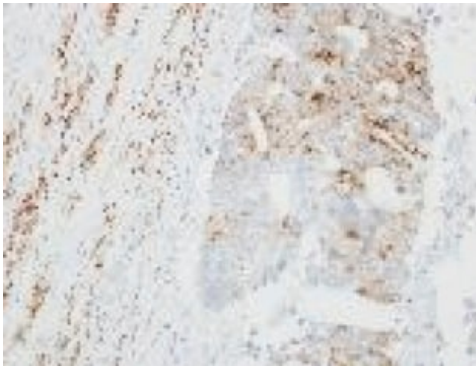


Anti-Monoamine Oxidase B/MAOB antibody (ab137778) at 1/1000 dilution + Mouse liver whole cell lysate at 50 µg

**Predicted band size:** 59 kDa

7.5% SDS PAGE

Western blot - Anti-Monoamine Oxidase B/MAOB antibody (ab137778)



Immunohistochemical analysis of paraffin embedded Human OVCA xenograft tissue labelling Monoamine Oxidase B/MAOB with ab137778 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Monoamine Oxidase B/MAOB antibody (ab137778)

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

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