




Product datasheet

Anti-Monoamine Oxidase B/MAOB antibody ab118865

★★★★★ [2 Abreviews](#) [2 References](#) [2 Images](#)

Overview

Product name	Anti-Monoamine Oxidase B/MAOB antibody
Description	Goat polyclonal to Monoamine Oxidase B/MAOB
Host species	Goat
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Guinea pig, Cow, Dog, Pig 
Immunogen	Synthetic peptide corresponding to Human Monoamine Oxidase B/MAOB aa 300-400 (internal sequence). Run BLAST with  Run BLAST with 
Positive control	Human brain cortex tissue, Human brain lysate.
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. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab118865 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		Use a concentration of 1 - 3 µg/ml. Predicted molecular weight: 59 kDa.
IHC-P	★★★★★ (1)	Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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.

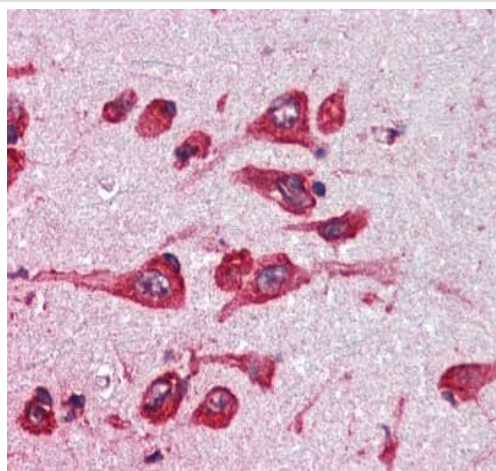
Sequence similarities

Belongs to the flavin monoamine oxidase family.

Cellular localization

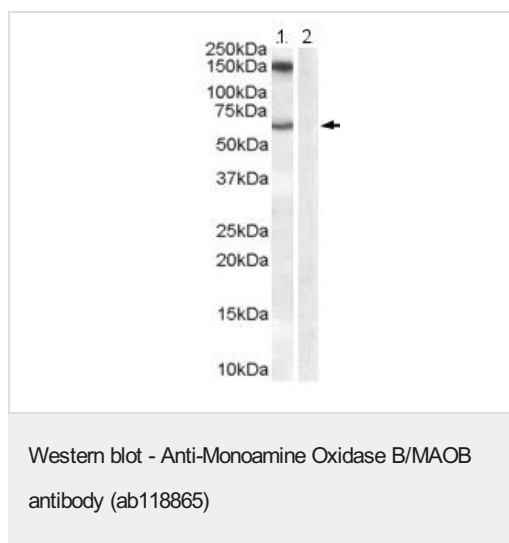
Mitochondrion outer membrane.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Monoamine Oxidase B/MAOB antibody (ab118865)

ab118865 at 5 µg/ml staining Monoamine Oxidase B/MAOB in Paraffin-embedded Human brain cortex tissue by immunohistochemistry. After incubation with ab118865 slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen.



All lanes : Anti-Monoamine Oxidase B/MAOB antibody (ab118865) at 1 µg/ml

Lane 1 : Human brain lysate without blocking peptide

Lane 2 : Human brain lysate with blocking peptide

Lysates/proteins at 35 µg per lane.

Developed using the ECL technique.

Predicted band size: 59 kDa

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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