



Datasheet for ABIN2781314

anti-Monoamine Oxidase B antibody (N-Term)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	Monoamine Oxidase B (MAOB)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Horse, Pig, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Monoamine Oxidase B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MAOB
Sequence:	RDRVGGRTYT LRNQVKYVD LGGSYVGPTQ NRILRLAKEL GLETYKVNEV
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against MAOB. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Monoamine Oxidase B (MAOB)
---------	----------------------------

Target Details

Alternative Name: MAOB ([MAOB Products](#))

Background: 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 system 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 system 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.

Alias Symbols: MGC26382

Protein Interaction Partner: Dlg4, SRPK1, NFYB, UBC, MAOB,

Protein Size: 520

Molecular Weight: 59 kDa

Gene ID: 4129

NCBI Accession: [NM_000898](#), [NP_000889](#)

UniProt: [P27338](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 520 AA

Restrictions: For Research Use only

Handling

Format: Liquid

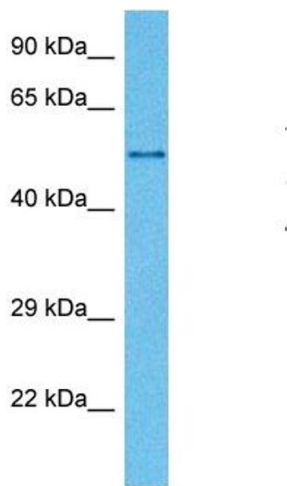
Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

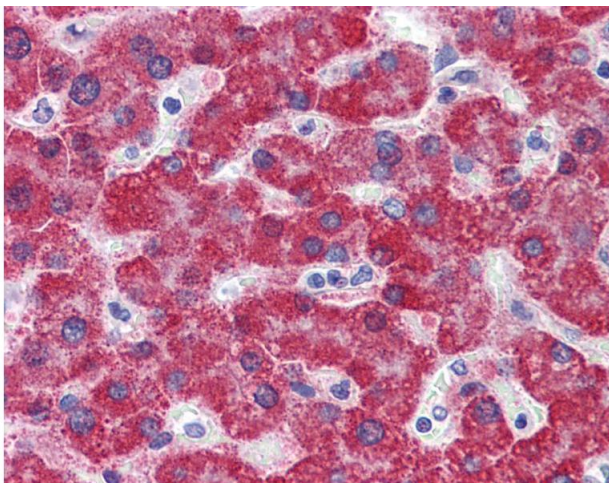
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

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



Immunohistochemistry

Image 2.



Western Blotting

Image 3. WB Suggested Anti-MAOB Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human heart