

Datasheet for ABIN7268682

anti-Monoamine Oxidase B antibody

4 Images

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Overview

Quantity:	100 µL
Target:	Monoamine Oxidase B (MAOB)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Monoamine Oxidase B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Monoamine Oxidase B (MAOB) Rabbit mAb
Immunogen:	A synthesized peptide derived from human Monoamine Oxidase B (MAOB) (MAOB)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Monoamine Oxidase B (MAOB)
Alternative Name:	MAOB (MAOB Products)
Background:	The protein encoded by this gene belongs to the flavin monoamine oxidase family. It is a

Target Details

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. [provided by RefSeq, Jul 2008],MAOB, monoamine oxidase B,Amino acid metabolism,Cancer,Drug metabolism,Endocrine & Metabolism,Neurodegenerative Diseases,Neurodegenerative Diseases_Dopamine Signaling in Parkinsons Disease,Neuroscience,Signal Transduction,MAOB

Molecular Weight: 59kDa

Gene ID: 4129

UniProt: [P27338](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

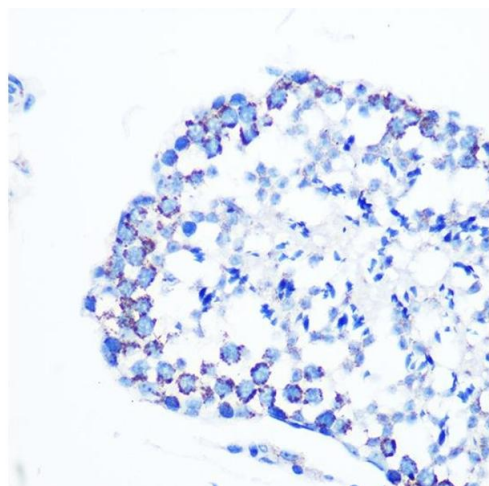
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

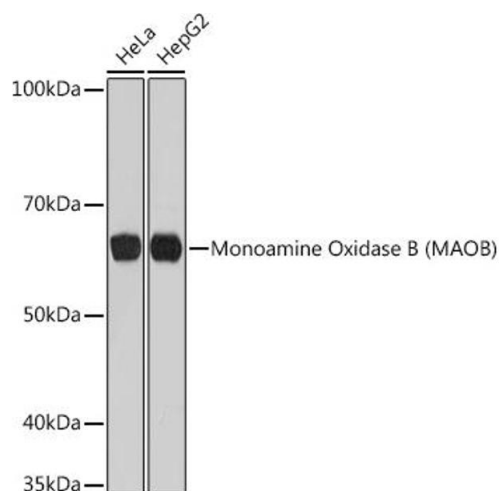
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



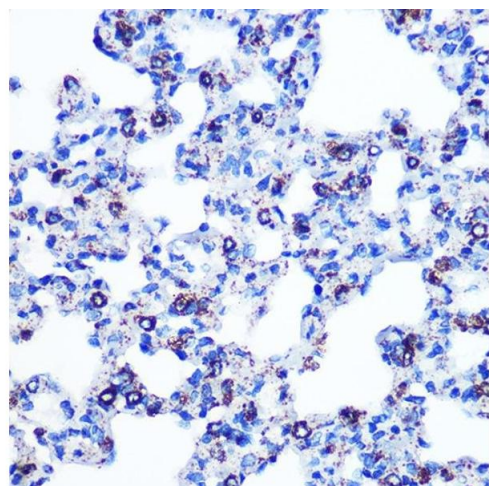
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse testis using Monoamine Oxidase B (MAOB) (MAOB) Rabbit mAb (ABIN7268682) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Monoamine Oxidase B (MAOB) (MAOB) Rabbit mAb (ABIN7268682) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat lung using Monoamine Oxidase B (MAOB) (MAOB) Rabbit mAb (ABIN7268682) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7268682.