

Monoamine Oxidase B (MAOB) Rabbit mAb

Catalog No.: A11597 **Recombinant**

Basic Information

Observed MW

59kDa

Calculated MW

59kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0641

Background

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.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

4129

Swiss Prot

P27338

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Monoamine Oxidase B (MAOB) (P27338).

Synonyms

MAOB; monoamine oxidase B; Monoamine Oxidase B (MAOB)

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

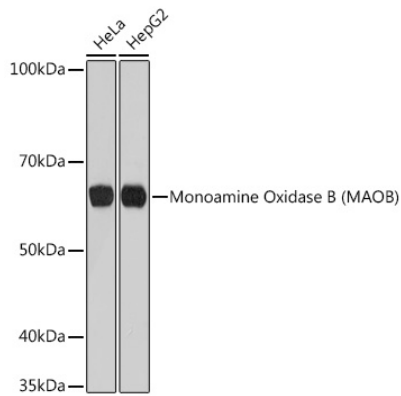
Affinity purification

Storage

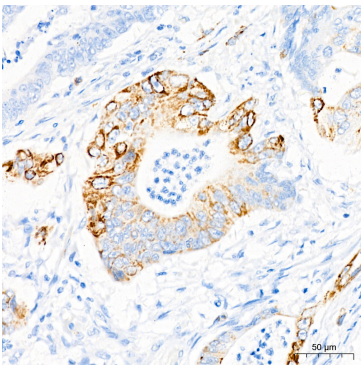
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

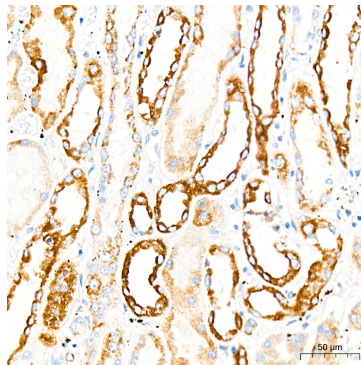
Validation Data



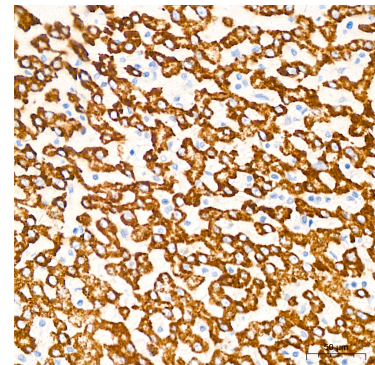
Western blot analysis of extracts of various cell lines, using Monoamine Oxidase B (MAOB) Rabbit mAb (A11597) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



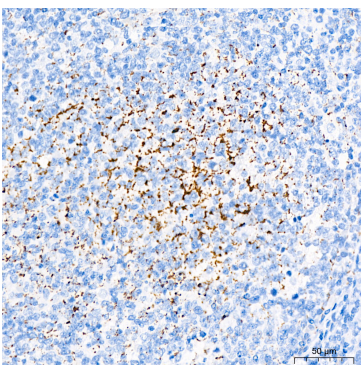
Immunohistochemistry analysis of Monoamine Oxidase B (MAOB) in paraffin-embedded human colon carcinoma tissue using Monoamine Oxidase B (MAOB) Rabbit mAb (A11597) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of Monoamine Oxidase B (MAOB) in paraffin-embedded human kidney tissue using Monoamine Oxidase B (MAOB) Rabbit mAb (A11597) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of Monoamine Oxidase B (MAOB) in paraffin-embedded human liver tissue using Monoamine Oxidase B (MAOB) Rabbit mAb (A11597) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of Monoamine Oxidase B (MAOB) in paraffin-embedded human tonsil tissue using Monoamine Oxidase B (MAOB) Rabbit mAb (A11597) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.