

MAOB / Monoamine Oxidase B Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS12516

Specification

MAOB / Monoamine Oxidase B Antibody (Internal)
- Product Information

Application	IHC
Primary Accession	P27338
Reactivity	Human, Rabbit, Monkey, Pig, Horse, Bovine, Guinea Pig
Host	Goat
Clonality	Polyclonal
Calculated MW	59kDa KDa

MAOB / Monoamine Oxidase B Antibody (Internal)
- Additional Information

Gene ID 4129

Other Names

Amine oxidase [flavin-containing] B, 1.4.3.4,
Monoamine oxidase type B, MAO-B, MAOB

Target/Specificity

Human MAOB. This antibody is not expected to cross-react with MAOA.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

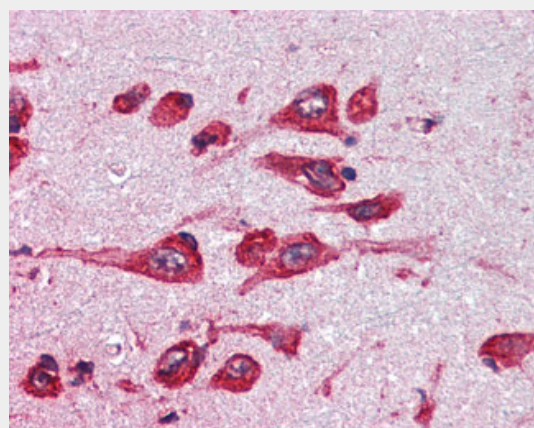
MAOB / Monoamine Oxidase B Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

MAOB / Monoamine Oxidase B Antibody (Internal)
- Protein Information

Name MAOB

Function

Catalyzes the oxidative deamination of biogenic and xenobiotic amines and has important functions in the metabolism of neuroactive and vasoactive amines in the



Anti-MAOB antibody IHC of human brain.

MAOB / Monoamine Oxidase B Antibody (Internal) - Background

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.

MAOB / Monoamine Oxidase B Antibody (Internal) - References

Grimsby J., et al. Proc. Natl. Acad. Sci. U.S.A. 88:3637-3641(1991).
Bach A.W.J., et al. Proc. Natl. Acad. Sci. U.S.A. 85:4934-4938(1988).
Chen K., et al. J. Neurochem. 61:187-190(1993).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Ross M.T., et al. Nature 434:325-337(2005).

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Cellular Location

Mitochondrion outer membrane; Single-pass type IV membrane protein; Cytoplasmic side

MAOB / Monoamine Oxidase B Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)