

MAOB Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP7496a**Specification****MAOB Antibody (N-term) Blocking Peptide -
Product Information**Primary Accession [P27338](#)**MAOB Antibody (N-term) Blocking Peptide -
Additional Information****Gene ID** 4129**Other Names**Amine oxidase [flavin-containing] B,
Monoamine oxidase type B, MAO-B, MAOB**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7496a](/products/AP7496a) was selected from the N-term region of human MAOB. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**MAOB Antibody (N-term) Blocking Peptide -
Protein Information****Name** MAOB**Function****MAOB Antibody (N-term) Blocking Peptide
- Background**

MAOB belongs to the flavin monoamine oxidase family. This protein is a enzyme located in the mitochondrial outer membrane. The protein 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. The protein preferentially degrades benzylamine and phenylethylamine.

**MAOB Antibody (N-term) Blocking Peptide
- References**

Bergen,S.E., Fanous,A.H. Schizophr. Res. 109 (1-3), 94-97 (2009)Zhu,Q.S., Grimsby,J. J. Neurosci. 12 (11), 4437-4446 (1992)

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.

Cellular Location

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

**MAOB Antibody (N-term) Blocking Peptide
- Protocols**

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

- [Blocking Peptides](#)