

MAOB Antibody (Center) Blocking Peptide

Synthetic peptide Catalog # BP7496c

Specification

MAOB Antibody (Center) Blocking Peptide - Product Information

Primary Accession P27338

MAOB Antibody (Center) 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 AP7496c was selected from the Center 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 (Center) Blocking Peptide - Protein Information

Name MAOB

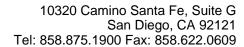
Function

MAOB Antibody (Center) 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 sysytem and peripheral tissues. The protein preferentially degrades benzylamine and phenylethylamine.

MAOB Antibody (Center) 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)





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Cellular Location

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

MAOB Antibody (Center) Blocking Peptide - Protocols

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

• Blocking Peptides