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OAT Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP8897a

Specification

OAT Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P04181

OAT Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 4942

Other Names
Ornithine aminotransferase, mitochondrial, Ornithine delta-aminotransferase, Ornithine--oxo-acid aminotransferase, Ornithine aminotransferase, hepatic form, Ornithine aminotransferase, renal form, OAT

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8897a was selected from the N-term region of human OAT. 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.

OAT Antibody (N-term) Blocking Peptide - Protein Information

Name OAT

Function
Catalyzes the reversible interconversion of L-ornithine and 2-oxoglutarate to L-glutamate semialdehyde and L-glutamate.

Cellular Location
Mitochondrion matrix

OAT Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

OAT Antibody (N-term) Blocking Peptide - Images

OAT Antibody (N-term) Blocking Peptide - Background

OAT is the mitochondrial enzyme ornithine aminotransferase, which is a key enzyme in the pathway that converts arginine and ornithine into the major excitatory and inhibitory neurotransmitters glutamate and GABA.

OAT Antibody (N-term) Blocking Peptide - References

Michaud J., et.al., Am. J. Hum. Genet. 56:616-622(1995).