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ADH1A Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP8958a

Specification

ADH1A Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P07327

ADH1A Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 124

Other Names
Alcohol dehydrogenase 1A, Alcohol dehydrogenase subunit alpha, ADH1A, ADH1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8958a was selected from the N-term region of human ADH1A. 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.

ADH1A Antibody (N-term) Blocking Peptide - Protein Information

Name ADH1A

Synonyms ADH1

Function
Alcohol dehydrogenase (PubMed:2738060). Oxidizes primary as well as secondary alcohols. Ethanol is a very poor substrate (PubMed:2738060).

Cellular Location
Cytoplasm.

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ADH1A Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

ADH1A Antibody (N-term) Blocking Peptide - Images

ADH1A Antibody (N-term) Blocking Peptide - Background

ADH1A is class I alcohol dehydrogenase, alpha subunit, which is a member of the alcohol dehydrogenase family. Members of this enzyme family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. Class I alcohol dehydrogenase, consisting of several homo- and heterodimers of alpha, beta, and gamma subunits, exhibits high activity for ethanol oxidation and plays a major role in ethanol catabolism.

ADH1A Antibody (N-term) Blocking Peptide - References

Yasunami,M., et.al., Genomics 7 (2), 152-158 (1990)Stewart,M.J., et.al., Gene 90 (2), 271-279 (1990)