

**ADH1A Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8958a****Specification**

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**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](/products/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: <http://www.uniprot.org/citations/2738060> target="\_blank">2738060</a>). Oxidizes primary as well as secondary alcohols. Ethanol is a very poor substrate (PubMed: <http://www.uniprot.org/citations/2738060> target="\_blank">2738060</a>).

**Cellular Location**

Cytoplasm.

## **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)