

ADH6 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9203c

Specification

ADH6 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P28332](#)

ADH6 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 130

Other Names

Alcohol dehydrogenase 6, ADH6

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9203c](/products/AP9203c) was selected from the Center region of human ADH6. 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.

ADH6 Antibody (Center) Blocking Peptide - Protein Information

Name ADH6

Function

Alcohol dehydrogenase (PubMed: <http://www.uniprot.org/citations/1755855> target="_blank">1755855). Catalyzes the NAD- dependent oxidation of primary alcohols to the corresponding aldehydes (PubMed: <http://www.uniprot.org/citations/1755855> target="_blank">1755855). Oxidizes secondary alcohols to the corresponding ketones (By similarity).

Cellular Location

Cytoplasm.

Tissue Location

Stomach and liver..

ADH6 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ADH6 Antibody (Center) Blocking Peptide - Images

ADH6 Antibody (Center) Blocking Peptide - Background

ADH6 encodes class V alcohol dehydrogenase, which is a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. This protein is expressed in the stomach as well as in the liver, and it contains a glucocorticoid response element upstream of its 5' UTR, which is a steroid hormone receptor binding site.

ADH6 Antibody (Center) Blocking Peptide - References

Cui,R., et.al., Gastroenterology 137 (5), 1768-1775 (2009)Saito,A., et.al., J. Hum. Genet. 54 (6), 317-323 (2009)Tabakoff,B., et.al., BMC Biol. 7, 70 (2009)