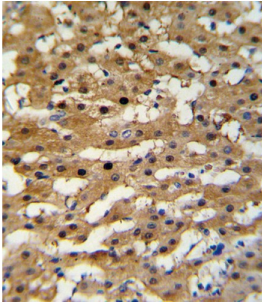


Alcohol Dehydrogenase Class-3 (ADH5) Antibody

Catalogue No.: abx033998



ADH5 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 forms a homodimer. It has virtually no activity for ethanol oxidation, but exhibits high activity for oxidation of long-chain primary alcohols and for oxidation of S-hydroxymethyl-glutathione, a spontaneous adduct between formaldehyde and glutathione. This enzyme is an important component of cellular metabolism for the elimination of formaldehyde, a potent irritant and sensitizing agent that causes lacrimation, rhinitis, pharyngitis, and contact dermatitis.

Target: Alcohol Dehydrogenase Class-3 (ADH5)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB, IHC, FCM

Host: Rabbit

Datasheet

Version: 1.0.0
Revision date: 22 May 2024



Recommended dilutions: WB: 1/4000, IHC-P: 1/100, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 212-239 amino acids from the Central region of human ADH5.

Isotype: IgG

Form: Liquid

Purification: Purified through a protein A column, followed by peptide affinity purification.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P11766 ([UniProt](#), [ExpASY](#))

KEGG: hsa:128

String: [9606.ENSP00000296412](#)

Molecular Weight: Calculated MW: 39.7 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Rabbit ADH5.

Note: This product is for research use only.

For Reference Only