

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



ADH7 Peptide

Cat No.: BS5600P

Background

ADH7 (alcohol dehydrogenase 7 (class IV), μ or σ polypeptide), is a 386 amino acid protein belonging to the zinc-containing alcohol dehydrogenase family and the class-IV subfamily. Seven different human ADH isozymes exist: three belong to class-I: α , β and γ ; one to class-II: π ; one to class-III: χ ; one to class-IV: ADH7; and one to class-V: ADH6. Encoded by a gene that maps to human chromosome 4q23, ADH7 localizes to the cytoplasm and is preferentially expressed in stomach, but, unlike other family members, is absent from liver. ADH7 is a homodimer that binds two zinc ions per subunit and contains nine exons. ADH7 participates in the synthesis of retinoic acid, a hormone important for cellular differentiation. Variations in ADH7 may be associated with alcohol dependence. ADH7 may also play a role in protection against aerodigestive tract cancer.

Swiss-Prot

P40394

Applications

Blocking

Specificity

This peptide can be used with studies using BS5600 ADH7 pAb.

Purification & Purity

Synthetic peptide ADH7. (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.