

ADH5 (4W16) Rabbit Monoclonal Antibody

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Catalog # AP93719

Product Information

Application	WB, IHC-P, FC, IF
Primary Accession	P11766 , P28474 , P12711
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal

Additional Information

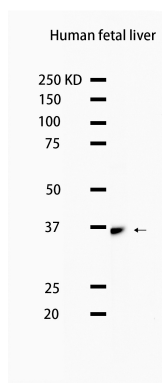
Dilution	WB~~1:1000 IHC-P~~N/A FC~~1:10~50 IF~~1:50~200
Storage Conditions	-20°C

Protein Information

Background

This gene encodes 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. The encoded 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 lacrymation, rhinitis, pharyngitis, and contact dermatitis. The human genome contains several non-transcribed pseudogenes related to this gene. [provided by RefSeq, Oct 2008]

Images



Western blot analysis of extracts from Human fetal liver tissue using AP93719 at 1:1000.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.