Recombinant Human ADH6 cell lysate

Cat. No. ADH6-31HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	This gene 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 gene 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	ADH6 alcohol dehydrogenase 6 (class V) [Homo sapiens]
Official Symbol	ADH6
Synonyms	ADH6; alcohol dehydrogenase 6 (class V); alcohol dehydrogenase 6; ADH 5;

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	aldehyde reductase; ADH-5;
Gene ID	130
mRNA Refseq	NM_000672
Protein Refseq	NP_000663
MIM	103735
UniProt ID	P28332
Chromosome Location	4q23
Pathway	Biological oxidations, organism-specific biosystem; Drug metabolism - cytochrome P450, organism-specific biosystem; Drug metabolism - cytochrome P450, conserved biosystem; Ethanol oxidation, organism-specific biosystem; Fatty Acid Omega Oxidation, organism-specific biosystem; Fatty acid metabolism, organism-specific biosystem; Fatty acid metabolism, conserved biosystem;
Function	alcohol dehydrogenase (NAD) activity; electron carrier activity; metal ion binding; nucleotide binding; oxidoreductase activity; zinc ion binding;

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