

ADH1A 抗原（重组蛋白）

中文名称：ADH1A 抗原（重组蛋白）

英文名称：ADH1A Antigen (Recombinant Protein)

别名：alcohol dehydrogenase 1A (class I), alpha polypeptide; ADH1

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 76-375 amino acids of human ADH1A

技术规格：

Full name:	alcohol dehydrogenase 1A (class I), alpha polypeptide
Synonyms:	ADH1
Swissprot:	P07327
Gene Accession:	BC117442
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the alcohol dehydrogenase family. The encoded protein is the alpha subunit of class I alcohol dehydrogenase, which consists of several homo- and heterodimers of alpha, beta and gamma subunits. Alcohol dehydrogenases catalyze the oxidation of alcohols to aldehydes. This gene is active in the liver in early fetal life but only weakly active in adult liver. This gene is found in a cluster with six additional alcohol dehydrogenase genes, including those encoding the beta and gamma subunits, on the long arm of chromosome 4. Mutations in this gene may contribute to variation in certain personality traits and substance dependence.

