



## Rabbit Anti-ADH1A antibody

SL10590R

<b>Product Name:</b>	ADH1A
<b>Chinese Name:</b>	乙醇脱氢酶1抗体
<b>Alias:</b>	ADH alpha subunit; ADH; ADH1; ADH1A; ADH1A_HUMAN; Alcohol dehydrogenase 1; Alcohol dehydrogenase 1A; Alcohol dehydrogenase subunit alpha; Aldehyde reductase.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	41kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human ADH1A:301-375/375
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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. [provided by RefSeq, Nov 2010]

**Subcellular Location:**

Cytoplasmic.

**Similarity:**

Belongs to the zinc-containing alcohol dehydrogenase family.

**SWISS:**

P07327

**Gene ID:**

124

**Database links:**

[Entrez Gene: 124](#)Human

[Entrez Gene: 11522](#)Mouse

[Entrez Gene: 24172](#)Rat

[Omim: 103700](#)Human

[SwissProt: P07327](#)Human

[SwissProt: P00329](#)Mouse

[SwissProt: P06757](#)Rat

[Unigene: 654433](#)Human

[Unigene: 40222](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.