

**CAB14701**

## Product Information

<b>Product SKU:</b>	CAB14701	<b>Gene ID:</b>	124	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Rat

## Additional Information

<b>Observed MW:</b>	40kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	40kDa	<b>Isotype:</b>	IgG

## Immunogen Information

**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.

**Recommended Dilution:** WB,1:500 - 1:2000

**Synonyms:** ADH1A; ADH1; Alcohol Dehydrogenase

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 220-300 of human Alcohol Dehydrogenase (NP\_000658.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.