

**AP20100AF-N****Polyclonal Antibody to Alcohol Dehydrogenase - Azide Free**

<b>Alternate names:</b>	ADC1, ADH, ADH1
<b>Quantity:</b>	10 mg
<b>Concentration:</b>	10.0 mg/ml
<b>Background:</b>	ADH (alcohol dehydrogenase) family of proteins metabolize a variety of substances such as ethanol, retinal, other aliphatic alcohol, hydroxysteroids, and lipid peroxidation products. With the coenzyme NAD, ADH catalyzes the reversible conversion of organic alcohol to ketones or aldehydes. ADH play a major role in ethanol metabolism.
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	Alcohol dehydrogenase isolated and purified from <i>Leuconostoc mesenteroides</i> . Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Format:</b>	<b>State:</b> Lyophilized IgG fraction. <b>Purification:</b> Ammonium Sulphate Precipitation and Ion Exchange Chromatography. <b>Buffer System:</b> PBS, pH 7.2 without preservatives and foreign proteins. <b>Reconstitution:</b> Restore by adding 1.0 ml of sterile distilled water.
<b>Applications:</b>	This product is intended for use in precipitating and non-precipitating antibody-binding assays such as e.g., ELISA and Western blotting and Immunofluorescence or Histochemical techniques (1/1,000-1/4,000). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: Immunoelectrophoresis, Cross-Immunoelectrophoresis, single Radial Immunodiffusion (Ouchterlony), block titration, ELISA, Immunoblotting and Enzyme Inhibition. Cross-reactivities against enzymes of other sources may occur but have not been determined. Recognizes Alcohol Dehydrogenase. <b>Species:</b> <i>Leuconostoc mesenteroides</i> . Other species not tested.
<b>Storage:</b>	Store the antibody lyophilized at 2-8°C and reconstituted at 2-8°C for one week or (in aliquots) at -20°C for longer. If a slight precipitation occurs upon storage, this should be removed by centrifugation. Shelf life: one year from despatch.