

**AP21230AF-N****Polyclonal Antibody to Carnitine Acetyltransferase - Azide Free**

<b>Alternate names:</b>	CAT, CRAT, Carnitine O-acetyltransferase, Carnitine acetylase
<b>Quantity:</b>	10 mg
<b>Concentration:</b>	10.0 mg/ml
<b>Uniprot ID:</b>	<a href="#">P52826</a>
<b>NCBI:</b>	<a href="#">8932</a>
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	Carnitine Acetyltransferase isolated and purified from Pigeon breast muscle. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Format:</b>	<b>State:</b> Lyophilized Hyperimmune 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), to prepare an insoluble immuno-affinity adsorbent, for labelling with a marker of the customer's own choice. Working dilutions in non-precipitating antibody-binding techniques: 1/1,000-1/30,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	The antibody recognizes Carnitine Acetyltransferase from Pigeon breast muscle. 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. <b>Species:</b> Pigeon. 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.