

AP21230BT-N**Polyclonal Antibody to Carnitine Acetyltransferase - Biotin**

Alternate names:	CAT, CRAT, Carnitine O-acetyltransferase, Carnitine acetylase
Quantity:	1 ml
Concentration:	10.0 mg/ml
Uniprot ID:	P52826
NCBI:	8932
Host / Isotype:	Rabbit / IgG
Immunogen:	Carnitine Acetyltransferase isolated and purified from Pigeon breast muscle. Freund's complete adjuvant is used in the first step of the immunization procedure.
Format:	State: Lyophilized Hyperimmune IgG fraction Purification: Ammonium Sulphate Precipitation and Ion Exchange Chromatography Buffer System: PBS, pH 7.2 without preservatives and foreign proteins Label: Biotin <i>Molar Ratio:</i> Biotin/IgG ~5.0 Reconstitution: Restore by adding 1.0 ml of sterile distilled water
Applications:	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). 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.
Specificity:	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. Species: Pigeon. Other species not tested.
Storage:	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.