

Product datasheet for **AP21237BT-N**

Choline oxidase / codA Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ID, IF, IP, R, WB
Recommended Dilution:	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: 1/200-1/5,000.
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Choline Oxidase isolated and purified from <i>Athrobacter globiformis</i> . Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	The antibody recognizes Choline kinase from <i>Athrobacter globiformis</i> . 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.
Formulation:	PBS, pH 7.2 without preservatives and foreign proteins Label: Biotin State: Lyophilized Hyperimmune IgG fraction Label: /IgG Molar ratio: Biotin/IgG ~5.6
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography
Conjugation:	Biotin
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.



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Stability:	Shelf life: one year from despatch.
Database Link:	Q7X2H8
Background:	Choline Oxidase catalyzes the oxidation of choline and betaine aldehyde to betaine with concomitant consumption of oxygen and production of hydrogen peroxide.