

Product datasheet for **AP20099BT-N**

ald 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 (1/1,000-1/10,000).
Reactivity:	Bacillus sp.
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	L-Alanine Dehydrogenase isolated and purified from Bacillus subtilis. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	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 L-Alanine Dehydrogenase.
Formulation:	PBS, pH 7.2 without preservatives and foreign proteins. Label: Biotin State: Lyophilized IgG fraction. Label: Conjugation Procedure: A proprietary technique for the binding to biotin is used, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. The conjugate is lyophilized to assure stability and long shelf life Molar ratio: ~5.4
Reconstitution Method:	Restore by adding 1.0 ml of sterile distilled water.
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography.
Conjugation:	Biotin



[View online »](#)

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.
Stability:	Shelf life: one year from despatch.
Database Link:	Q08352
Background:	This enzyme is a key factor in the assimilation of L-alanine as an energy source through the tricarboxylic acid cycle during sporulation.
Synonyms:	ald, spoVN, BSU31930