

## Product datasheet for **AP20099AF-N**

### ald Rabbit Polyclonal Antibody

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, ID, IF, IP, R, WB
<b>Recommended Dilution:</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 (1/1,000-1/10,000).
<b>Reactivity:</b>	Bacillus sp.
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	L-Alanine Dehydrogenase isolated and purified from Bacillus subtilis. Freund's complete adjuvant is used in the first step of the immunization procedure.
<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 L-Alanine Dehydrogenase.
<b>Formulation:</b>	PBS, pH 7.2 without preservatives and foreign proteins. State: Azide Free State: Lyophilized IgG fraction.
<b>Reconstitution Method:</b>	Restore by adding 1.0 ml of sterile distilled water.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Ammonium Sulphate Precipitation and Ion Exchange Chromatography.
<b>Conjugation:</b>	Unconjugated
<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.
<b>Stability:</b>	Shelf life: one year from despatch.



[View online »](#)

**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