Datasheet for ABIN568055

anti-Alanine Dehydrogenase antibody

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Overview

Quantity:	10 mg
Target:	Alanine Dehydrogenase
Reactivity:	Bacillus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Alanine Dehydrogenase antibody is un-conjugated
Application:	Dot Blot (DB), Enzyme Immunoassay (EIA), Immunodiffusion (ID), Immunofluorescence (IF), Immunoprecipitation (IP), Radioimmunoassay (RIA), Western Blotting (WB)

Product Details

Immunogen:	L-Alanine Dehydrogenase isolated and purified from Bacillus subtilis. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
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.
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography.

Target Details

Target:	Alanine Dehydrogenase
Abstract:	Alanine Dehydrogenase Products
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: BSU31930, Stage V sporulation protein N, ald, spoVN
Gene ID:	936557
NCBI Accession:	NP_391071
UniProt:	Q08352

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore by adding 1.0 mL of sterile distilled water.
Concentration:	10.0 mg/mL
Buffer:	PBS, pH 7.2 without preservatives and foreign proteins.
Preservative:	Without preservative
Storage:	4 °C/-20 °C
Storage Comment:	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.