

Datasheet for ABIN568300 **anti-LDH5 antibody**



[Go to Product page](#)

Overview

Quantity:	10 mg
Target:	LDH5
Reactivity:	Rabbit
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This LDH5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA), Dot Blot (DB), Immunodiffusion (ID), Immunoprecipitation (IP), Radioimmunoassay (RIA)

Product Details

Immunogen:	L-Lactic Dehydrogenase LDH5(M4) isoenzyme, isolated and purified from Rabbit muscle. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography

Target Details

Target:	LDH5
Abstract:	LDH5 Products
Background:	Lactate dehydrogenase (LDH) is present in a wide variety of organisms, including plants and animals. It is an oxidoreductase which catalyses the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD ⁺ . As it can also catalyze the oxidation of

Target Details

hydroxybutyrate, it is occasionally called Hydroxybutyrate Dehydrogenase (HBD). There are 5 different isoenzymes of LDH, LDH1 to LDH5, each composed of 4 subunits which may be of 2 different types - M and H subunits. These subunits are encoded by two different genes: The M subunit is encoded by gene LDHA whilst the H subunit is encoded by LDHB. Usually LDH2 is the predominant form in the serum. An LDH1 level higher than the LDH2 level suggests myocardial infarction (damage to heart tissues releases heart LDH, which is rich in LDH1, into the bloodstream).Synonyms: L-Lactic dehydrogenase LDH-5 Isozyme M4

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 sterile distilled water
Concentration:	10 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.