

RK05731

Leader in Biomolecular Solutions for Life Science



[One Step] LDHB antibody Kit

Catalog No.: RK05731

Basic Information

Applications

Cross-Reactivity

Human, Mouse, Rat

Observed MW

37kDa

Calculated MW

37kDa

Category

Antibody kit

Background

This gene encodes the B subunit of lactate dehydrogenase enzyme, which catalyzes the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD⁺ in a post-glycolysis process. Alternatively spliced transcript variants have been found for this gene. Recent studies have shown that a C-terminally extended isoform is produced by use of an alternative in-frame translation termination codon via a stop codon readthrough mechanism, and that this isoform is localized in the peroxisomes. Mutations in this gene are associated with lactate dehydrogenase B deficiency. Pseudogenes have been identified on chromosomes X, 5 and 13.

Product Information

Source

Rabbit

Purification

Storage

Avoid repeated freeze-thaw cycles.

Contact



www.abclonal.com

Component & Recommended Dilutions

Catalog No.	Product Name	Dilutions
RK05731-1	LDHB Rabbit pAb	37kDa
RK05731-2	HRP-conjugated Goat anti-Rabbit IgG (H+L)	37kDa

Immunogen Information

Gene ID

3945

Swiss Prot

P07195

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-334 of human LDHB (NP_002291.1).

Synonyms

LDH-B; LDH-H; LDHBD; TRG-5; HEL-S-281; LDHB