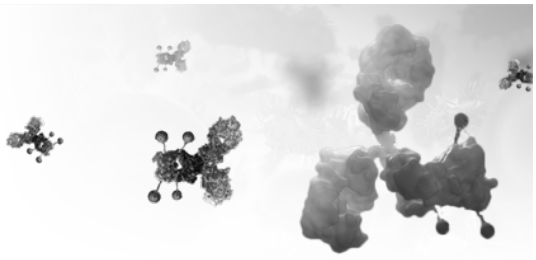

Rabbit Anti-Human LDHB Polyclonal Antibody (CABT-L2011)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Lactate Dehydrogenase B (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against LDHB. It has been selected for its ability to recognize LDHB in immunohistochemical staining and western blotting.
Target	LDHB
Immunogen	Recombinant fragment corresponding to human LDHB (Met1~Leu334)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

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Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	This gene encodes an enzyme which catalyzes the reversible conversion of lactate and pyruvate, and NAD and NADH, in the glycolytic pathway. Mutations in this gene are associated with lactate dehydrogenase B deficiency. Pseudogenes have been identified on the X chromosome and on chromosome. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Mar 2010]
Keywords	LDH-B;LDH-H;Renal carcinoma antigen NY-REN-46

GENE INFORMATION

Gene Name	LDHB lactate dehydrogenase B [Homo sapiens (human)]
Official Symbol	LDHB
Synonyms	LDHB; lactate dehydrogenase B; LDH-B; LDH-H; LDHBD; TRG-5; HEL-S-281; L-lactate dehydrogenase B chain; LDH heart subunit; lactate dehydrogenase H chain; renal carcinoma antigen NY-REN-46; epididymis secretory protein Li 281;
Entrez Gene ID	3945
Protein Refseq	NP_001167568
UniProt ID	P07195
Chromosome Location	12p12.2-p12.1
Pathway	Abnormal metabolism in phenylketonuria; Cysteine and methionine metabolism; Disease; Glycolysis / Gluconeogenesis; Glycolysis and Gluconeogenesis; Metabolic pathways; Metabolism; Propanoate metabolism;
Function	L-lactate dehydrogenase activity; NAD binding; identical protein binding; kinase binding; protein binding;

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