

Datasheet for ABIN5698058 **anti-LDHB antibody**

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Overview

Quantity:	100 µg
Target:	LDHB
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LDHB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	lactate dehydrogenase B
Isotype:	IgG

Target Details

Target:	LDHB
Alternative Name:	LDHB (LDHB Products)
Background:	Synonyms:LDH-B 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

Target Details

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.

Molecular Weight:	35 kDa
Gene ID:	3945
UniProt:	P07195
Pathways:	Warburg Effect

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab04738(LDHB antibody) at dilution of 1:2000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze / thaw cycles.
Storage:	-20 °C
Expiry Date:	12 months