

DNAxPAb

Hard-to-Find
Antibody

LDHA DNAxPab

Catalog # H00003939-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human LDHA DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MATLKDQLIYNLLKEEQTPQNKITVVGVGAVGMACAISILMKDLADELALVDVIEDKCLKGEMMDLQ
HGSLFLRTPKIVSGKDYNVTANSKLVITAGARQQEGESRLNLVQRNVNIFKFIIIPNVVKYSPNCKLLI
VSNPVDILTYAWKISGFPKNRVIGSGCNLDSARFRYLMGERLGVHPLSCHGWVLGEHGDSSVP
VWSGMNVAGVSLKTLHPDLGTDKDKEQWKEVHKQVVESAYEVIKLGYTSWAIGLSVADLAESI
MKNLRRVHPVSTMIKGLYGIKDDVFLSVPCILGQNGISDLVKVTLTSEEEARLKKSADTLWGIQKEL
QF

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — LDHA

Entrez GeneID [3939](#)

GeneBank Accession# [NM_005566.1](#)

Protein Accession# [NP_005557.1](#)

Gene Name LDHA

Gene Alias LDH-M, LDH1, PIG19

Gene Description lactate dehydrogenase A

Omim ID [150000](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. The protein is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. Mutations in this gene have been linked to exertional myoglobinuria. Multiple transcript variants encoding different isoforms have been found for this gene. The human genome contains several non-transcribed pseudogenes of this gene. [provided by RefSeq]

Other Designations L-lactate dehydrogenase A|proliferation-inducing gene 19

Pathway

- [Cysteine and methionine metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)
- [Propanoate metabolism](#)
- [Pyruvate metabolism](#)

Disease

- [Coronary Disease](#)

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Narcolepsy](#)
- [Panic Disorder](#)