

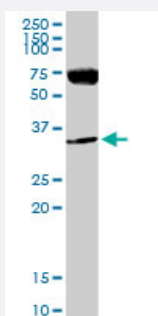
MaxPab®

LDHA MaxPab rabbit polyclonal antibody (D01)

Catalog # H00003939-D01

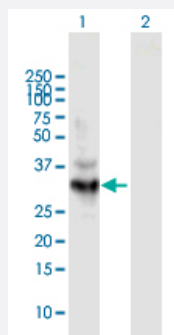
Size 100 uL

Applications



Western Blot (Tissue lysate)

LDHA MaxPab rabbit polyclonal antibody. Western Blot analysis of LDHA expression in human kidney.

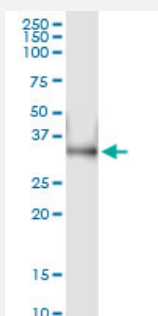


Western Blot (Transfected lysate)

Western Blot analysis of LDHA expression in transfected 293T cell line ([H00003939-T01](#)) by LDHA MaxPab polyclonal antibody.

Lane 1: LDHA transfected lysate(36.70 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of LDHA transfected lysate using anti-LDHA MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with LDHA MaxPab mouse polyclonal antibody (B01) ([H00003939-B01](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human LDHA protein.

Immunogen	LDHA (NP_005557.1, 1 a.a. ~ 332 a.a) full-length human protein.
Sequence	MATLKDQLIYNLLKEEQTPQNKITVVGVGAVGMACAISILMKDLADELALVDVIEDKCLKGEMMDLQ HGSLFLRTPKIVSGKDYNVTANSKLVITAGARQQEGESRLNLVQRNVNIFKFIIPNVVKYSPNCKLLI VSNPVDILTYAWKISGFPKNRVIGSGCNLDSARFRYLMGERLGVHPLSCHGWVLGEHGDSSVP VWSGMNVAGVSLKTLHPDLGTDKDEQWKEVHKQVVESAYEVIKLGKGYTSAIGLSVADLAESI MKNLRRVHPVSTMIKGLYGKDDVFLSVPCILGQNGISDLVKVTLTSEEEARLKKSADTLWGIQKEL QF
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

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

Publication Reference

- [TOM70 Sustains Cell Bioenergetics by Promoting IP3R3-Mediated ER to Mitochondria Ca²⁺ Transfer.](#)

Filadi R, Leal NS, Schreiner B, Rossi A, Dentoni G, Pinho CM, Wiehager B, Cieri D, Cali T, Pizzo P, Ankarcrona M.

Current Biology : CB 2018 Feb; 28(3):369.

Application: IF, Human, HeLa cells

Pathway

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

Disease

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