Rabbit anti-Human L-lactate dehydrogenase A chain Polyclonal Antibody | anti-LDHA antibody

Rabbit anti-human L-lactate dehydrogenase A chain polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230021	**Rabbit**	**Human**	**Western Blot, ELISA**

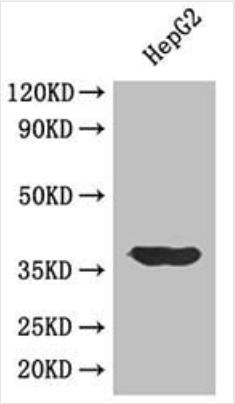
PRODUCT SYNONYMS

L-lactate dehydrogenase A chain; Polyclonal Antibody; Rabbit anti-human L-lactate dehydrogenase A chain polyclonal Antibody; L-lactate dehydrogenase A chain protein; PIG19; LDHA; Cell proliferation-inducing gene 19 protein; LDH muscle subunit; LDH-M; Renal carcinoma antigen NY-REN-59; anti-LDHA antibody

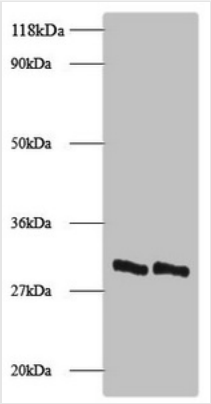
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	274
Applicable Applications for anti-LDHA antibody	WB (Western Blot), ELISA
Immunogen	Recombinant human L-lactate dehydrogenase A chain protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-27230 / sc-27232 / sc-33781
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



WB (Western Blot)
Western BlotPositive WB detected in: hepG2 cellAll lanes: HSBP1 antibody at 4.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 37,31,40,27 kDaObserved band size: 36 kDa



WB (Western Blot)
Western blotAll lanes: L-lactate dehydrogenase A chain antibody at 2ug/mlLane 1: EC109 whole cell lysateLane 2: 293T whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilutionPredicted band size: 37,31,40,27 kDaObserved band size: 32 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-LDHA antibody	Defects in LDHA are the cause of glycogen storage disease type 11 (GSD11) [MIM:612933]. A metabolic disorder that results in exertional myoglobinuria, pain, cramps and easy fatigue. This protein 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.
Product Categories/Family for anti-LDHA antibody	Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	207028494
NCBI GeneID	3939
NCBI Accession #	NP_001128711.1
NCBI GenBank Nucleotide #	NM_001135239.1
UniProt Accession #	P00338; Q53G53; Q6IBM7; Q6ZNV1; Q9UDE8; Q9UDE9; B4DKQ2; B7Z5E3; D3DQY3; F8W819
Molecular Weight	26,712 Da
NCBI Official Full Name	L-lactate dehydrogenase A chain isoform 2
NCBI Official Synonym Full Names	lactate dehydrogenase A
NCBI Official Symbol	LDHA
NCBI Official Synonym Symbols	LDHM; GSD11; PIG19; HEL-S-133P
NCBI Protein Information	L-lactate dehydrogenase A chain
UniProt Protein Name	L-lactate dehydrogenase A chain
UniProt Gene Name	**LDHA**
UniProt Synonym Gene Names	LDH-A; LDH-M
UniProt Entry Name	LDHA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/l-lactate-dehydrogenase-a-chain-antibody-western-blot-elisa/230021