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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54777_P050-Biotin
Product Page	www.avivasysbio.com/ldha-antibody-middle-region-biotin-arp54777-p050-biotin.html
Name	LDHA Antibody - middle region : Biotin (ARP54777_P050-Biotin)
Protein Size (# AA)	332 amino acids
Molecular Weight	37kDa
Conjugation	Biotin
NCBI Gene Id	3939
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	lactate dehydrogenase A
Alias Symbols	LDHM, GSD11, PIG19, HEL-S-133P
Peptide Sequence	Synthetic peptide located within the following region: PLSCHGWVLGEHGDSSVPVWSGMNVAGVSLKTLHPDLGTDKDKSEQWKEVH
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Listerman,I., PLoS Genet. 3 (11), E212 (2007)
Description of Target	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.
Protein Interactions	MAPK10; LDHB; FUS; HUWE1; ISG15; UBC; SUMO2; SUMO3; STAU1; RPA3; RPA2; RPA1; ASB9; RNF2; CNBP2; NAGK; C11orf58; NDRG1; BZW1; KYNU; TCEA1; SORD; SMS; RPS6KA1; PGD; PAFAH1B3; GSR; PDIA3; GNAI3; DLD; CSE1L; LDHAL6B; FTO; BCCIP; XRN1; FBXO6; UPF2; YWHAQ; METT
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-LDHA (ARP54777_P050-Biotin) antibody
Blocking Peptide	For anti-LDHA (ARP54777_P050-Biotin) antibody is Catalog # AAP54777 (Previous Catalog # AAPP31572)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LDHA
Uniprot ID	P00338
Protein Name	L-lactate dehydrogenase A chain
Sample Type Confirmation	LDHA is supported by BioGPS gene expression data to be expressed in HeLa
Protein Accession #	NP_005557
Purification	Affinity Purified
Nucleotide Accession #	NM_005566
Gene Symbol	LDHA
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish

Application	IHC, WB
Predicted Homology Based on Immunogen Sequence	Cow: 79%; Dog: 86%; Goat: 79%; Guinea Pig: 79%; Horse: 79%; Human: 100%; Mouse: 86%; Rabbit: 86%; Rat: 79%; Zebrafish: 92%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding sites at the tips of the arms.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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