

Rabbit LDHA Polyclonal Antibody | anti-LDHA antibody

LDHA Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200422	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	Western Blot, Immunohistochemistry

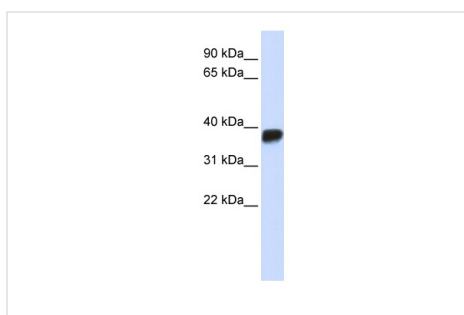
PRODUCT SYNONYMS

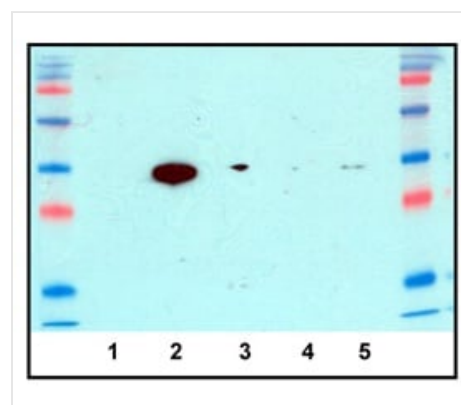
LDHA; Polyclonal Antibody; LDHA Antibody - N-terminal region; anti-LDHA antibody

PRODUCT SPECIFICATIONS

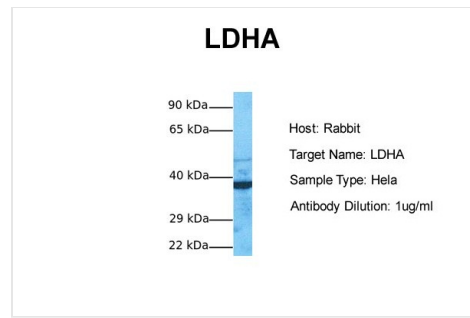
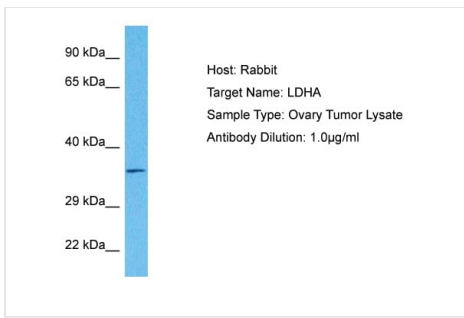
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AT LK DQLIYNLL KEEQTPQNKI TVVGVGAVGM ACAISILMKD LADELALV
Sequence Length	332
Applicable Applications for anti-LDHA antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 86%; Goat: 86%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 100%; Rabbit: 92%; Rat: 93%; Sheep: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human LDHA
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-LDHA Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Placenta

WB (Western Blot)

LDHA antibody - N-terminal region validated by WB using LdhC knockout mouse sperm, LdhA transgenic kidney, LdhA transgenic testis, LdhC knockout testis at 1:1000.

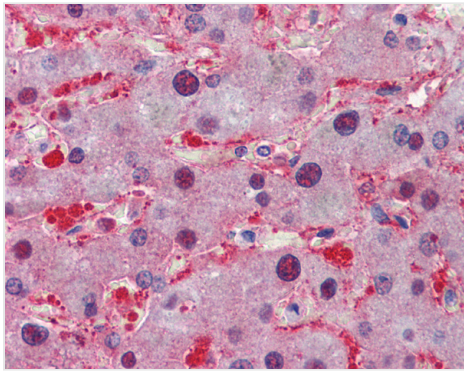


WB (Western Blot)

Host: RabbitTarget Name: LDHASample Tissue: Human Ovary TumorAntibody Dilution: 1ug/ml

WB (Western Blot)

Host: RabbitTarget Name: LDHASample Tissue: Human HeLaAntibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Sample Type: Human LiverAnti-LDHA antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. LDHA Antibody concentration 2.5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-LDHA antibody	This is a rabbit polyclonal antibody against LDHA. It was validated on Western Blot using a cell lysate as a positive control.
	Target Description: 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.
Product Categories/Family for anti-LDHA antibody	Polyclonal ; Transcription Factor ; Signal Proteins ; Drugs and Drug Metabolism ; Chromatin & Nuclear Signaling ; Disease Related ; DNA/RNA/Protein Interactions ; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031857
NCBI GeneID	3939
NCBI Accession #	NP_005557
NCBI GenBank Nucleotide #	NM_005566
UniProt Accession #	P00338
Molecular Weight	37kDa
NCBI Official Full Name	L-lactate dehydrogenase A chain isoform 1
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/ldha-antibody-western-blot-immunohistochemistry-elisa/200422>