

Rabbit LDHA Polyclonal Antibody | anti-LDHA antibody

LDHA Antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200423	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish	Immunoprecipitation, Western Blot, Immunohistochemistry

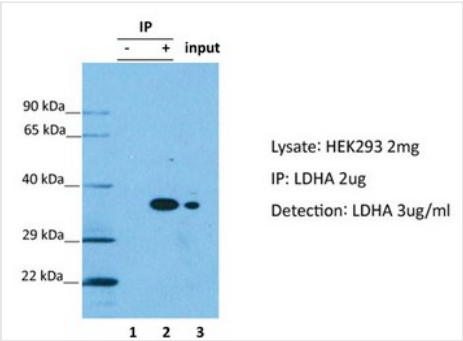
PRODUCT SYNONYMS

LDHA; Polyclonal Antibody; LDHA Antibody - middle region; anti-LDHA antibody

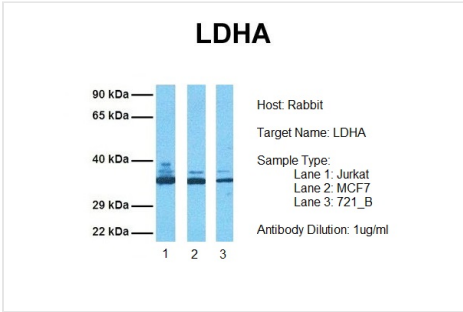
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
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.
Concentration	0.5 mg/mL (varies by lot)
Sequence	Synthetic peptide with the following region: PL SCHGWVLGEH GDSSVPVWSG MNVAGVSLKT LHPDLGTDKD KEQWKEVH
Sequence Length	332
Applicable Applications for anti-LDHA antibody	IP (Immunoprecipitation), WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 79%; Dog: 86%; Goat: 79%; Guinea Pig: 79%; Horse: 79%; Human: 100%; Mouse: 86%; Rabbit: 86%; Rat: 79%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LDHA
Protein Size (# AA)	332 amino acids
Protein Interactions	MAPK10; LDHB; FUS; HUWE1; ISG15; UBC; SUMO2; SUMO3; STAU1; RPA3; RPA2; RPA1; ASB9; RNF2; CNDP2; NAGK; C11orf58; NDRG1; BZW1; KYNU; TCEA1; SORD; SMS; RPS6KA1; PGD; PAFAH1B3; GSR; PDIA3; GNAI3; DLD; CSE1L; LDHAL6B; FTO; BCCIP; XRN1; FBXO6; UPF2; YWHAQ; METT
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.

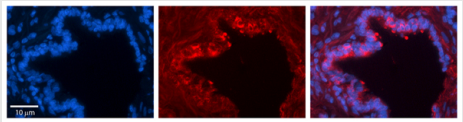
IMAGES



HEK293 Whole Cell Lysate
LDHA was immunoprecipitated from 2 mg HEK293 Whole Cell Lysate with AAA200423 with 1:200 dilution. Western blot was performed using AAA200423 at 1/1000 dilution. Lane 1: Control IP in HEK293 Whole Cell Lysate. Lane 2: LDHA IP with AAA200423 in HEK293 Whole Cell Lysate. Lane 3: Input of HEK293 Whole Cell Lysate.



WB (Western Blot)
Host: Rabbit Target Name: LDHA Sample Tissue: Human Jurkat, MCF7, 721_B Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
Rabbit Anti-LDHA Antibody Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

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; Drugs and Drug Metabolism; Various; Disease Related

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-immunoprecipitation-western-blot-immunohistochemistry-elisa/200423>