

Rabbit LDHA Polyclonal Antibody | anti-LDHA antibody

LDHA Polyclonal Antibody

CATALOG # AAA179780	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

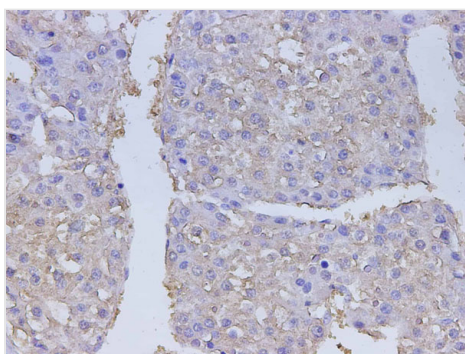
PRODUCT SYNONYMS

LDHA; Polyclonal Antibody; LDHA Polyclonal Antibody; Cell proliferation-inducing gene 19 protein; GSD11; L lactate dehydrogenase A chain; l7R2; LDH M; LDH muscle subunit; LDH1; PIG19 Proliferation-inducing gene 19; anti-LDHA antibody

PRODUCT SPECIFICATIONS

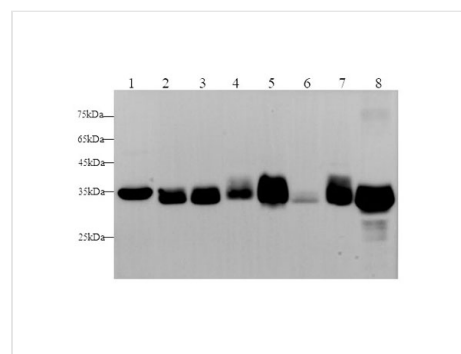
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-LDHA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human LDHA protein expressed by E coli
Preparation and Storage	Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using LDHA Polyclonal Antibody at dilution of 1:400



WB (Western Blot)

Western blot with LDHA Polyclonal antibody at dilution of 1:2500. Lane 1: Hela whole cell lysate, Lane 2: NIH/3T3 whole cell lysate, Lane 3: Mouse kidney, Lane 4: Mouse heart, Lane 5: Mouse skeletal muscle, Lane 6: Rat kidney, Lane 7: Rat heart, Lane 8: Rat skeletal muscle

ADDITIONAL INFORMATION

Related Product Information for anti-LDHA antibody	LDHA, also named as LDH-M and NY-REN-59, is an enzyme which catalyzes the inter-conversion of pyruvate and L-lactate with concomitant inter-conversion of NADH and NAD+. LDHA is found in most somatic tissues, though predominantly in muscle tissue and tumours, and belongs to the lactate dehydrogenase family. It has long been known that many human cancers have higher LDHA levels compared to normal tissues. It has also been shown that LDHA plays an important role in the development, invasion and metastasis of malignancies. Mutations in LDHA have been linked to exertional myoglobinuria. LDHA has some isoforms with MW 26-40 kDa.
Product Categories/Family for anti-LDHA antibody	Polyclonal Antibodies ; Primary Antibodies ; Polyclonal Antibodies ; Cancer ; Metabolism ; Signal Transduction

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	332
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	LDH1; LDHM; GSD11; PIG19
NCBI Protein Information	L-lactate dehydrogenase A chain; LDH-A; LDH-M; LDH muscle subunit; lactate dehydrogenase M; proliferation-inducing gene 19; renal carcinoma antigen NY-REN-59; cell proliferation-inducing gene 19 protein
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.