Rabbit LDHA Polyclonal Antibody | anti-LDHA antibody

LDHA Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174946	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry, Western Blot**

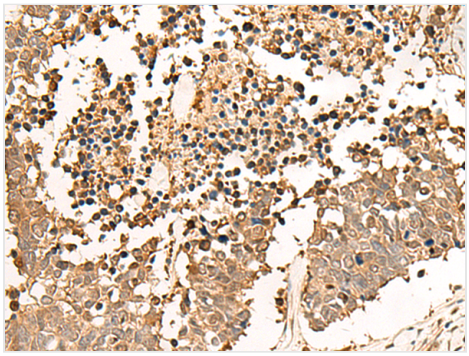
PRODUCT SYNONYMS

LDHA; Polyclonal Antibody; LDHA Polyclonal Antibody; Cell proliferation-inducing gene 19 protein; L lactate dehydrogenase A chain; Lactate dehydrogenase A; LDH A; LDH M; LDH muscle subunit; LDH1; LDH5; PIG 19; PIG19; Renal carcinoma antigen NY-REN-59; anti-LDHA antibody

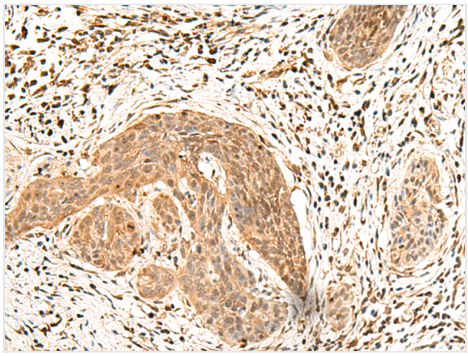
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.72mg/mL (varies by lot)
Sequence Length	274
Applicable Applications for anti-LDHA antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human LDHA
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

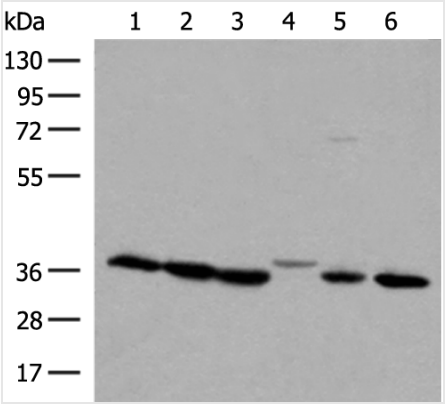
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using LDHA Polyclonal Antibody at dilution of 1:25(×200



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using LDHA Polyclonal Antibody at dilution of 1:25(×200



WB (Western Blot)
Western blot analysis of 293T and A375 cell lysates using LDHA Polyclonal Antibody at dilution of 1:250

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	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	207028494
NCBI GeneID	3939
NCBI Accession #	NP_001128711.1
NCBI GenBank Nucleotide #	NP_001128711.1
UniProt Accession #	P00338
Molecular Weight	37 kDa
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.