

LDHA Antibody

Catalog No: #48492

Package Size: #48492-1 50ul #48492-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

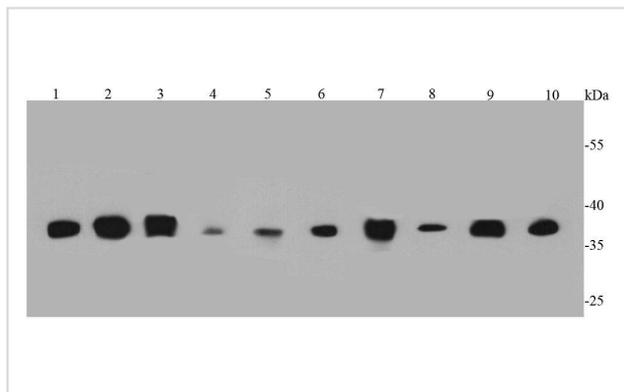
Description

| | |
|-----------------------|--|
| Product Name | LDHA Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Peptide affinity purified |
| Applications | WB, IHC, FC |
| Species Reactivity | Hu, Ms, Rt |
| Immunogen Description | peptide |
| Other Names | Cell proliferation-inducing gene 19 protein antibody GSD11 antibody L lactate dehydrogenase A chain antibody L-lactate dehydrogenase A chain antibody I7R2 antibody Lactate dehydrogenase 1, A chain antibody Lactate dehydrogenase A antibody Lactate dehydrogenase A4 antibody Lactate dehydrogenase M antibody LDH A antibody LDH M antibody LDH muscle subunit antibody LDH muscle subunit; M LDH antibody LDH-A antibody LDH-M antibody LDH1 antibody ldha antibody LDHA_HUMAN antibody LDHM antibody OTTMUSP00000017774 antibody PIG19 antibody Proliferation-inducing gene 19 antibody Renal carcinoma antigen NY-REN-59 antibody |
| Accession No. | Swiss-Prot#:P00338 |
| Uniprot | P00338 |
| GeneID | 3939; |
| Calculated MW | 37 kDa |
| Formulation | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide. |
| Storage | Store at -20°C |

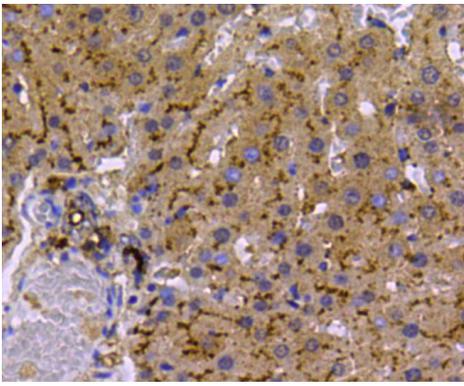
Application Details

WB: 1:500 IHC: 1:200 FC: 1:100-1:200

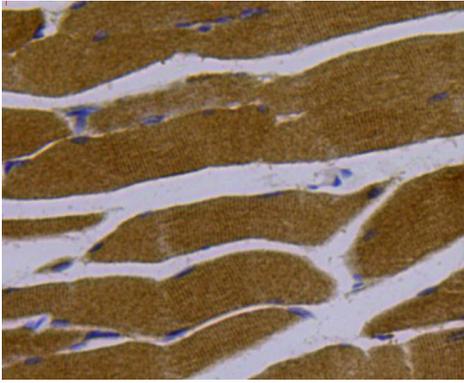
Images



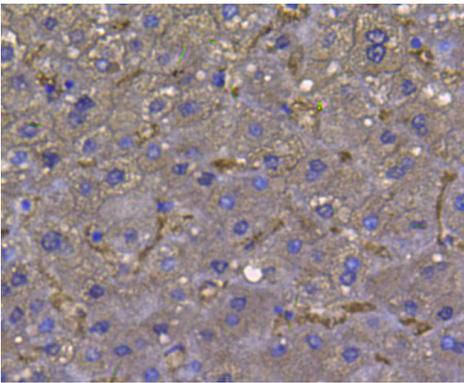
Western blot analysis of LDHA on different cell lysates using anti-LDHA antibody at 1/500 dilution. Positive control: Lane 1: A549 Lane 2: HeLa Lane 3: A431 Lane 4: 293 Lane 5: Jurkat Lane 6: MCF-7 Lane 7: Human liver Lane 8: Human kidney Lane 9: Human brain Lane 10: Human thymus



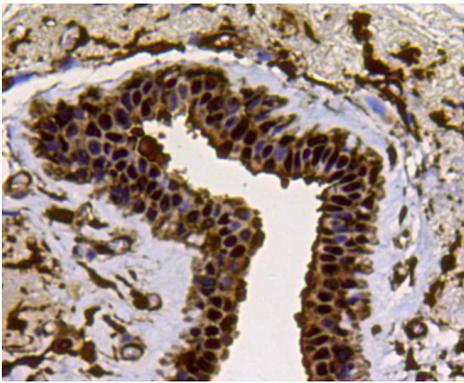
Immunohistochemical analysis of paraffin-embedded rat liver tissue using anti-LDHA antibody. Counter stained with hematoxylin.



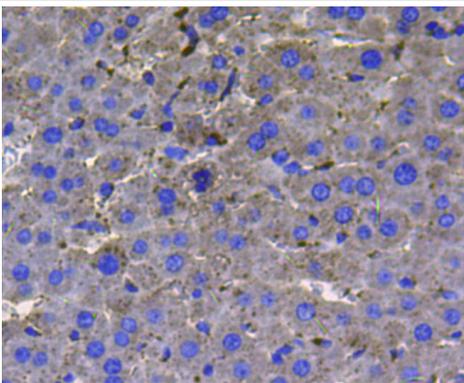
Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue using anti-LDHA antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-LDHA antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-LDHA antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-LDHA antibody. Counter stained with hematoxylin.

Background

Lactate dehydrogenase (LDH) is an enzyme present in a wide variety of organisms, including plants and animals. It catalyses the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD⁺. In medicine, LDH is often used as a marker of tissue breakdown as LDH is abundant in red blood cells and can function as a marker for hemolysis. In mammals, three types of LDH subunits (35 kDa) are encoded by the genes Ldh-A, Ldh-B, and Ldh-C. Lactate dehydrogenase B (LDH-B, heart subunit, LDH-H) is involved in the conversion of L-lactate and NAD to pyruvate and NADH and it is predominantly localized in the heart tissue. Similar to other LDH subunit, LDH-B is considered to be an important marker for germ cell tumor.

References

Note: This product is for in vitro research use only