Datasheet for ABIN7008931

anti-Lactate Dehydrogenase C antibody

3 Images

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Overview

Quantity:	60 µL
Target:	Lactate Dehydrogenase C (LDHC)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide of human LDHC (NP_002292.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Lactate Dehydrogenase C (LDHC)
Alternative Name:	LDHC (LDHC Products)
Background:	Lactate dehydrogenase C catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. LDHC is testis-specific and belongs to the lactate dehydrogenase family. Two transcript variants have been detected which differ in the 5' untranslated region.
Molecular Weight:	Observed_MW: 36 kDa

Target Details

	Calculated_MW: 36 kDa
Gene ID:	3948
UniProt:	P07864
Pathways:	Ribonucleoside Biosynthetic Process, Warburg Effect

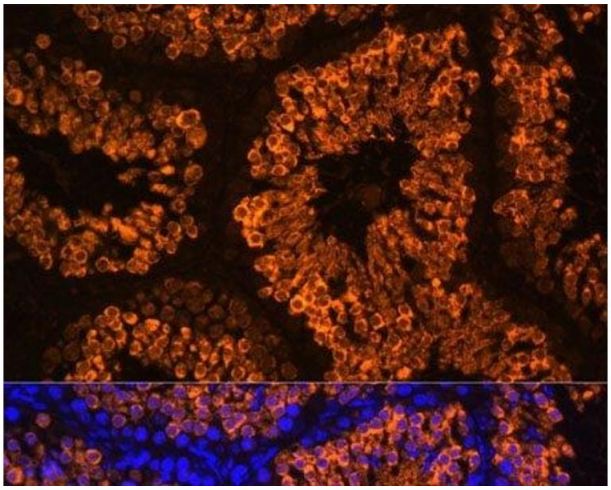
Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:100
Restrictions:	For Research Use only

Handling

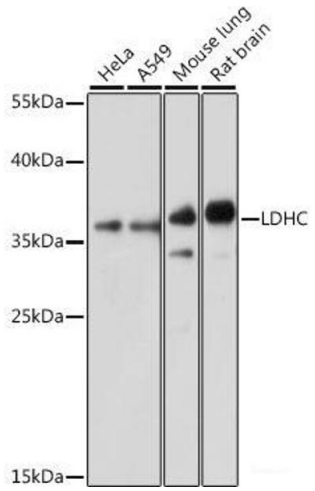
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



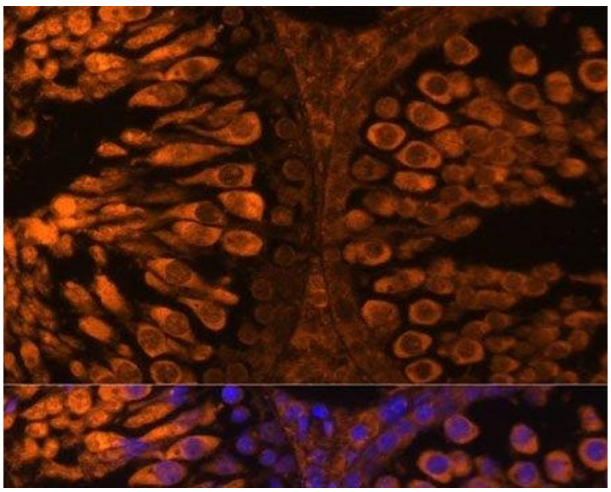
Immunofluorescence

Image 1. Immunofluorescence analysis of Mouse testis using LDHC Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using LDHC Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence

Image 3. Immunofluorescence analysis of Rat testis using LDHC Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.