

A0861

Leader in Biomolecular Solutions for Life Science



[KO Validated] LDHA Rabbit mAb

Catalog No.: A0861

KO Validated

Recombinant

6 Publications

Basic Information

Observed MW

37kDa

Calculated MW

37kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC2669

Background

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.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

3939

Swiss Prot

P00338

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 200-300 of human LDHA (P00338).

Synonyms

LDHM; GSD11; PIG19; HEL-S-133P; HA

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

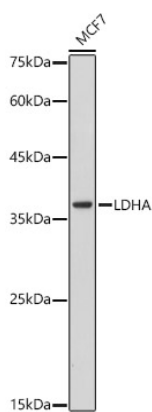
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

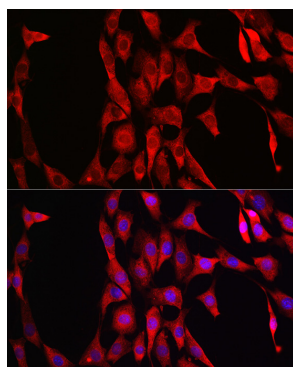
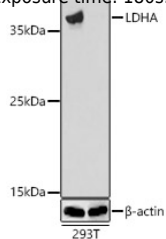
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data

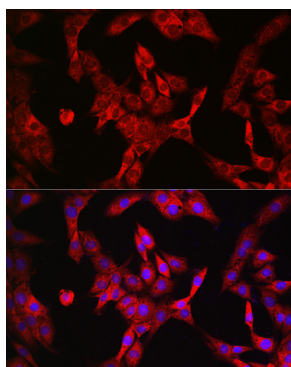


Western blot analysis of MCF7, using LDHA antibody (A0861) at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 180s.

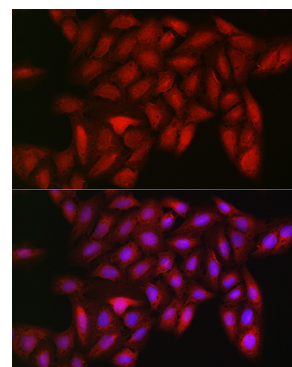
Western blot analysis of extracts from wild type(WT) and LDHA knockout (KO) 293T cells, using [KO Validated] LDHA Rabbit mAb (A0861) at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 180s.



Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] LDHA Rabbit mAb (A0861) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using [KO Validated] LDHA Rabbit mAb (A0861) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using [KO Validated] LDHA Rabbit mAb (A0861) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.