

ALDH7A1 antibody

Cat. No. GTX103593

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 58 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human ALDH7A1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

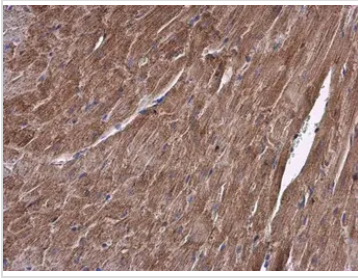
Note

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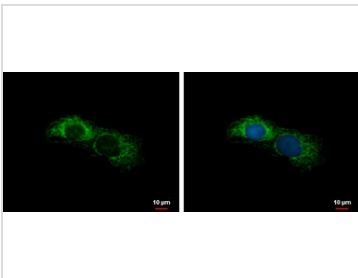
DATA IMAGES

GTx103593 IHC-P Image

ALDH7A1 antibody detects ALDH7A1 protein at cytoplasm in mouse heart by immunohistochemical analysis.

Sample: Paraffin-embedded mouse heart.

ALDH7A1 antibody (GTx103593) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

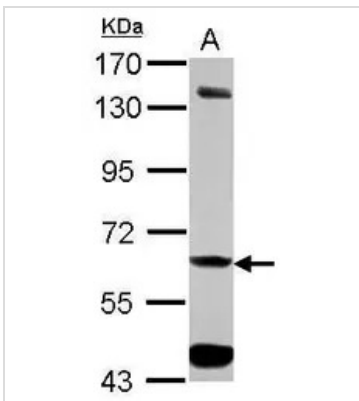

GTx103593 ICC/IF Image

ALDH7A1 antibody detects ALDH7A1 protein at mitochondria by immunofluorescent analysis.

Sample: HepG2 cells were fixed in 2% paraformaldehyde/culture medium at 37°C for 30 min.

Green: ALDH7A1 protein stained by ALDH7A1 antibody (GTx103593) diluted at 1:500.

Blue: Hoechst 33342 staining.

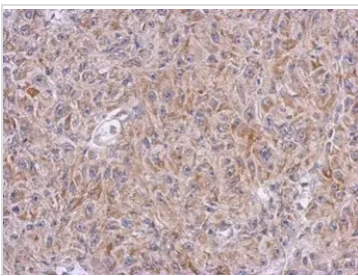

GTx103593 WB Image

Sample (30 ug of whole cell lysate)

A: HepG2

7.5% SDS PAGE

GTx103593 diluted at 1:1000


GTx103593 IHC-P Image

Immunohistochemical analysis of paraffin-embedded Mahlarvu xenograft, using ALDH7A1(GTx103593) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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