

ALDH1A1 antibody

Cat. No. GTX123973

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC-Wm
Reactivity	Human, Mouse, Rat, Zebrafish, Cat

Reference (24)

★★★★★ Review (2)

Package

100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Wm	Assay dependent

Not tested in other applications.

Calculated MW 55 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 ALDH1A1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



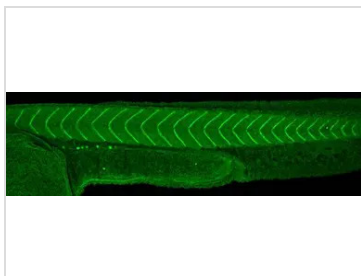
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Note

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DATA IMAGES

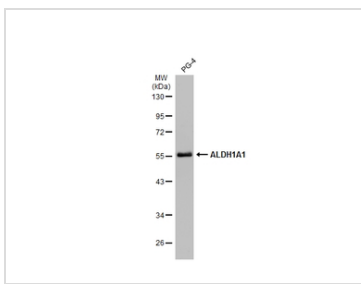


GTx123973 IHC-Wm Image

ALDH1A1 antibody detects Aldh1a2 protein on whole-mount zebrafish embryos by immunohistochemical analysis.

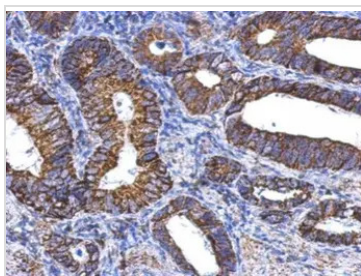
Sample: Paraformaldehyde-fixed zebrafish embryos.

ALDH1A1 antibody (GTx123973) dilution: 1:200.



GTx123973 WB Image

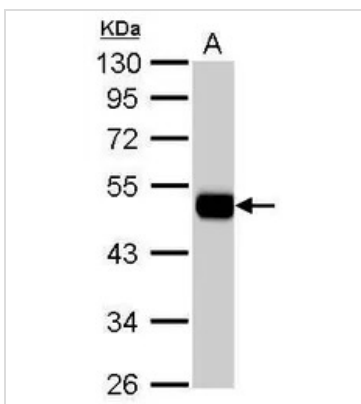
PG-4 whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with ALDH1A1 antibody (GTx123973) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



GTx123973 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human gastric cancer, using ALDH1A1(GTx123973) antibody at 1:500 dilution.

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



GTx123973 WB Image

ALDH1A1 antibody detects ALDH1A1 protein by western blot analysis.

A. 50 µg rat liver lysate/extract

10% SDS-PAGE

ALDH1A1 antibody (GTx123973) dilution: 1:5000

The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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