

# ALDH2 antibody [N1C1]

**Cat. No. GTX113379**

|                     |                           |
|---------------------|---------------------------|
| <b>Host</b>         | Rabbit                    |
| <b>Clonality</b>    | Polyclonal                |
| <b>Isotype</b>      | IgG                       |
| <b>Applications</b> | WB, ICC/IF, IHC-P, IHC-Wm |
| <b>Reactivity</b>   | Human, Mouse, Zebrafish   |

**Package**  
100 µl, 25 µl

## Applications

### Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:1000-1:10000       |
| ICC/IF             | 1:100-1:1000         |
| IHC-P              | Assay dependent      |
| IHC-Wm             | Assay dependent      |

Not tested in other applications.

**Calculated MW** 56 kDa. ( [Note](#) )

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | 0.1M Tris, 0.1M Glycine, 10% Glycerol                                                                                                                                                                                      |
| <b>Preservative</b>  | 0.01% Thimerosal                                                                                                                                                                                                           |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| <b>Immunogen</b>     | Recombinant protein encompassing a sequence within the center region of human ALDH2. The exact sequence is proprietary.                                                                                                    |
| <b>Purification</b>  | Purified by antigen-affinity chromatography.                                                                                                                                                                               |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |



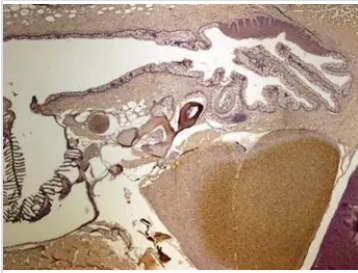
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**Note**

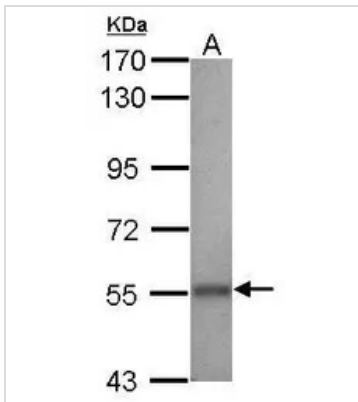
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## DATA IMAGES



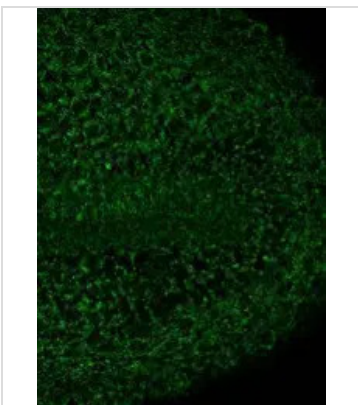
### GTx113379 IHC-P Image

Immunohistochemical analysis of paraffin-embedded zebrafish tissue, using ALDH2 antibody [N1C1] (GTx113379) at 1:300 dilution.



### GTx113379 WB Image

Sample (30 µg of whole cell lysate)  
A: whole zebrafish  
7.5% SDS PAGE  
GTx113379 diluted at 1:1000



### GTx113379 IHC-Wm Image

ALDH2 antibody [N1C1] detects ALDH2 protein at mitochondria on whole-mount zebrafish embryos by immunohistochemical analysis.  
Sample: Paraformaldehyde-fixed zebrafish embryos.  
ALDH2 antibody [N1C1] (GTx113379) dilution: 1:200.



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