

# Aldh2 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14289

## Product Information

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|--------------------------|---------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                        |
| <b>Primary Accession</b> | <a href="#">P47738</a>                                                    |
| <b>Other Accession</b>   | <a href="#">NM_009656</a> , <a href="#">NP_033786</a>                     |
| <b>Reactivity</b>        | Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine      |
| <b>Predicted</b>         | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine |
| <b>Host</b>              | Rabbit                                                                    |
| <b>Clonality</b>         | Polyclonal                                                                |
| <b>Calculated MW</b>     | 56538                                                                     |

## Additional Information

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| <b>Gene ID</b>                      | 11669                                                                                                                                                                                          |
| <b>Alias Symbol</b>                 | Ahd-5, Ahd5                                                                                                                                                                                    |
| <b>Other Names</b>                  | Aldehyde dehydrogenase, mitochondrial, 1.2.1.3, AHD-M1, ALDH class 2, ALDH-E2, ALDHI, Aldh2, Ahd-1, Ahd1                                                                                       |
| <b>Format</b>                       | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                                                              |
| <b>Reconstitution &amp; Storage</b> | Add 50 ul of distilled water. Final anti-Aldh2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| <b>Precautions</b>                  | Aldh2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                           |

## Protein Information

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|--------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | Aldh2                                                                                                             |
| <b>Synonyms</b>          | Ahd-1, Ahd1                                                                                                       |
| <b>Function</b>          | Required for clearance of cellular formaldehyde, a cytotoxic and carcinogenic metabolite that induces DNA damage. |
| <b>Cellular Location</b> | Mitochondrion matrix.                                                                                             |

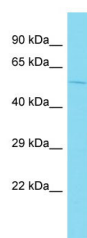
## References

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Chang C.,et al.Gene 148:331-336(1994).  
Chen M.,et al.Mol. Pharmacol. 46:88-96(1994).  
Lubec G.,et al.Submitted (JAN-2009) to UniProtKB.  
Caubin J.,et al.Nucleic Acids Res. 22:4132-4138(1994).  
Park J.,et al.Mol. Cell 50:919-930(2013).

## Images

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Host: Rabbit  
Target Name: Aldh2  
Sample Tissue: Mouse Small Intestine lysates  
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.