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Aldh2 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14289

Specification

Aldh2 Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	P47738
Other Accession	NM_009656, NP_033786
Reactivity	**Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**56kDa KDa**

Aldh2 Antibody - C-terminal region - Additional Information

Gene ID 11669

Alias Symbol	**Ahd-5, Ahd5**

Other Names
Aldehyde dehydrogenase, mitochondrial, 1.2.1.3, AHD-M1, ALDH class 2, ALDH-E2, ALDHI, Aldh2, Ahd-1, Ahd1

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
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.

Precautions
Aldh2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Aldh2 Antibody - C-terminal region - Protein Information

Name Aldh2

Synonyms Ahd-1, Ahd1

Function
Required for clearance of cellular formaldehyde, a cytotoxic and carcinogenic metabolite that induces DNA damage.

Cellular Location

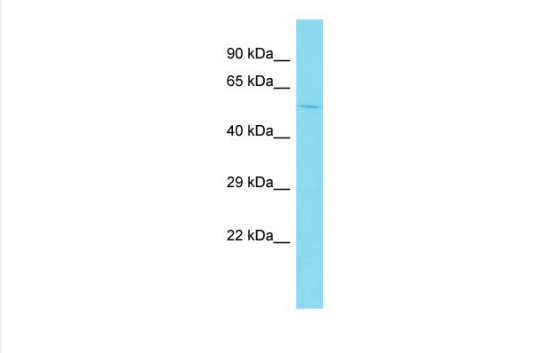
Mitochondrion matrix.

Aldh2 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Aldh2 Antibody - C-terminal region - Images



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

Aldh2 Antibody - C-terminal region - References

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).