

**ALDH2 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP50970****Specification**

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**ALDH2 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P05091</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>56 KDa</b>
Antigen Region	<b>41 - 100</b>

**ALDH2 Antibody - Additional Information****Gene ID** 217**Other Names**

Aldehyde dehydrogenase, mitochondrial, ALDH class 2, ALDH-E2, ALDH1, ALDH2, ALDM

**Target/Specificity**

KLH conjugated synthetic peptide derived from human ALDH2

**Dilution**

WB~~ 1:1000

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**ALDH2 Antibody - Protein Information****Name** ALDH2**Synonyms** ALDM**Function**

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

**Cellular Location**

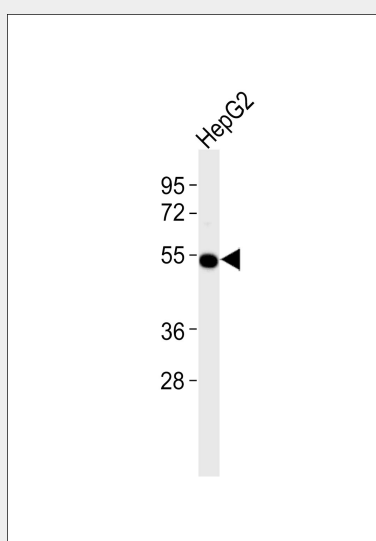
Mitochondrion matrix.

## ALDH2 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## ALDH2 Antibody - Images



Anti-ALDH2 Antibody at 1:1000 dilution + HepG2 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 56 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

## ALDH2 Antibody - References

- Braun T., et al. FEBS Lett. 215:233-236(1987).  
Braun T., et al. FEBS Lett. 233:440-440(1988).  
Braun T., et al. Nucleic Acids Res. 15:3179-3179(1987).  
Hsu L.C., et al. Genomics 2:57-65(1988).  
Lassen N., et al. Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.