

## Rabbit Aldehyde Dehydrogenase 3 Polyclonal Antibody | anti-ALDH3A1 antibody

Polyclonal Antibody to Aldehyde Dehydrogenase 3 Family, Member A1 (ALDH3A1)

|                               |                       |                                        |                                                                                       |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA143630</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

Aldehyde Dehydrogenase 3; Polyclonal Antibody; Polyclonal Antibody to Aldehyde Dehydrogenase 3 Family; Member A1 (ALDH3A1); anti-ALDH3A1 antibody

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                               |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                                                        |
| Reactivity                                        | Human, Mouse, Rat                                                                                                                                                                             |
| Clonality                                         | Polyclonal                                                                                                                                                                                    |
| Specificity                                       | The antibody is a rabbit polyclonal antibody raised against ALDH3A1. It has been selected for its ability to recognize ALDH3A1 in immunohistochemical staining and western blotting.          |
| Purity/Purification                               | Affinity Chromatography                                                                                                                                                                       |
| Form/Format                                       | Liquid                                                                                                                                                                                        |
| Concentration                                     | 500ug/mL (varies by lot)                                                                                                                                                                      |
| Applicable Applications for anti-ALDH3A1 antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                               |
| Fragment                                          | ALDH3A1 (Met1~Val311)                                                                                                                                                                         |
| Organism Species                                  | Homo sapiens (Human)                                                                                                                                                                          |
| Cross Reactivity                                  | Human, Mouse, Rat                                                                                                                                                                             |
| Conjugate                                         | No Conjugate                                                                                                                                                                                  |
| Immunogen                                         | Recombinant ALDH3A1 (Met1~Val311) expressed in E Coli.                                                                                                                                        |
| Conjugated Antibody                               | The APC conjugated antibody version of this item is also available as                                                                                                                         |
| Preparation and Storage                           | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |

### IMAGES



**IHC (Immunohistochemistry)**

DAB staining on IHC-P; Samples: Human Liver Tissue



**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Human K562 cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human ALDH3A1 Antibody; Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;

**NCBI AND UNIPROT INFORMATION**

|                                  |                                                                      |
|----------------------------------|----------------------------------------------------------------------|
| NCBI GI #                        | 21361176                                                             |
| NCBI GeneID                      | 216                                                                  |
| NCBI Accession #                 | NP_000680.2                                                          |
| NCBI GenBank Nucleotide #        | NM_000689.4                                                          |
| UniProt Accession #              | P00352; O00768; Q5SYR1                                               |
| Molecular Weight                 | 54,862 Da                                                            |
| NCBI Official Full Name          | retinal dehydrogenase 1                                              |
| NCBI Official Synonym Full Names | aldehyde dehydrogenase 1 family member A1                            |
| NCBI Official Symbol             | ALDH1A1                                                              |
| NCBI Official Synonym Symbols    | ALDC; ALDH1; HEL-9; HEL12; PUMB1; ALDH11; RALDH1; ALDH-E1; HEL-S-53e |
| NCBI Protein Information         | retinal dehydrogenase 1                                              |
| UniProt Protein Name             | Retinal dehydrogenase 1                                              |
| UniProt Gene Name                | <b>ALDH1A1</b>                                                       |
| UniProt Synonym Gene Names       | RALDH 1Curated; RalDH1Curated                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aldehyde-dehydrogenase-3-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143630>