

## Rabbit ALDH3B1 Polyclonal Antibody | anti-ALDH3B1 antibody

ALDH3B1 Polyclonal Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA167477</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

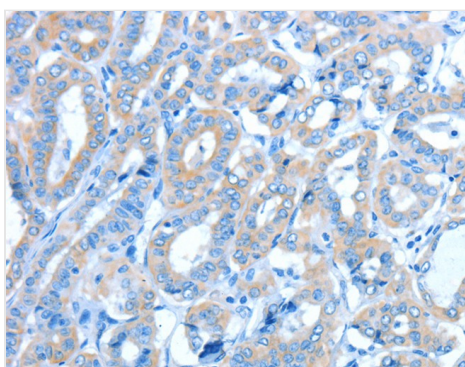
### PRODUCT SYNONYMS

ALDH3B1; Polyclonal Antibody; ALDH3B1 Polyclonal Antibody; ALDH4; ALDH7; anti-ALDH3B1 antibody

### PRODUCT SPECIFICATIONS

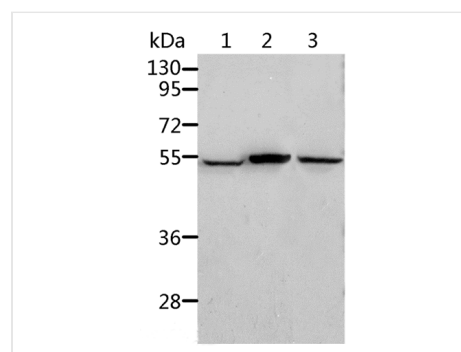
|                                                   |                                                                                           |
|---------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                    |
| Reactivity                                        | Human, Mouse, Rat                                                                         |
| Clonality                                         | Polyclonal                                                                                |
| Isotype                                           | IgG                                                                                       |
| Purity/Purification                               | Antigen affinity purification                                                             |
| Concentration                                     | 1.1mg/mL (varies by lot)                                                                  |
| Sequence Length                                   | 272                                                                                       |
| Applicable Applications for anti-ALDH3B1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                         | Recombinant protein of human ALDH3B1                                                      |
| Buffer                                            | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                           | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using ALDH3B1 Polyclonal Antibody at dilution of 1:30



#### WB (Western Blot)

Western Blot analysis of Human normal kidney and liver tissue, Human liver cancer tissue using ALDH3B1 Polyclonal Antibody at dilution of 1:300

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ALDH3B1 antibody | The aldehyde dehydrogenases are a family of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This particular gene spans about 20 kb of genomic DNA and is composed of 9 coding exons. The gene is highly expressed in kidney and lung. The functional significance of this gene as well as the cellular localization of its product are presently unknown. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 586946394                                                                                       |
| NCBI GeneID                      | 221                                                                                             |
| NCBI Accession #                 | NP_001276988.1                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001290059.1                                                                                  |
| Molecular Weight                 | 47,683 Da                                                                                       |
| NCBI Official Full Name          | aldehyde dehydrogenase family 3 member B1 isoform d                                             |
| NCBI Official Synonym Full Names | aldehyde dehydrogenase 3 family, member B1                                                      |
| NCBI Official Symbol             | ALDH3B1                                                                                         |
| NCBI Official Synonym Symbols    | ALDH4; ALDH7                                                                                    |
| NCBI Protein Information         | aldehyde dehydrogenase family 3 member B1; aldehyde dehydrogenase 3B1; aldehyde dehydrogenase 7 |
| UniProt Protein Name             | Aldehyde dehydrogenase family 3 member B1                                                       |
| UniProt Gene Name                | <b>ALDH3B1</b>                                                                                  |
| UniProt Synonym Gene Names       | ALDH7                                                                                           |
| UniProt Entry Name               | AL3B1_HUMAN                                                                                     |

**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://www.aaabiotech.com/polyclonal/aldh3b1-antibody-immunohistochemistry-western-blot-elisa/167477>