

## Rabbit anti-Human ALDH3B1 Polyclonal Antibody | anti-ALDH3B1 antibody

Anti-ALDH3B1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA106145 | Rabbit | Human      | Immunohistochemistry, Western Blot |

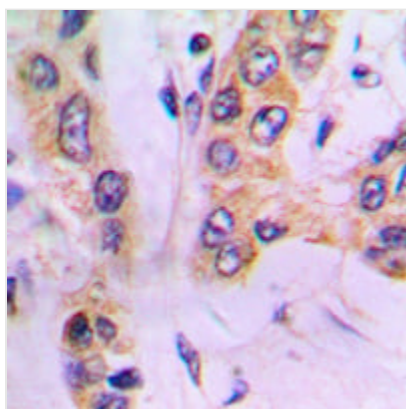
### PRODUCT SYNONYMS

ALDH3B1; Polyclonal Antibody; Anti-ALDH3B1 Antibody; ALDH7; Aldehyde dehydrogenase family 3 member B1; Aldehyde dehydrogenase 7; anti-ALDH3B1 antibody

### PRODUCT SPECIFICATIONS

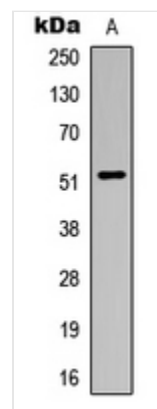
|                                                   |                                                                                                                                        |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                 |
| Reactivity                                        | Human                                                                                                                                  |
| Clonality                                         | Polyclonal                                                                                                                             |
| Specificity                                       | Recognizes endogenous levels of ALDH3B1 protein.                                                                                       |
| Purity/Purification                               | The antibody was purified by immunogen affinity chromatography.                                                                        |
| Form/Format                                       | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                              |
| Sequence Length                                   | 431                                                                                                                                    |
| Applicable Applications for anti-ALDH3B1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                          |
| Immunogen                                         | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ALDH3B1. The exact sequence is proprietary. |
| Preparation and Storage                           | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                         |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of ALDH3B1 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of ALDH3B1 expression in HuvEc (A) whole cell lysates.

ADDITIONAL INFORMATION

|                                                       |                                       |
|-------------------------------------------------------|---------------------------------------|
| Related Product Information for anti-ALDH3B1 antibody | Rabbit polyclonal antibody to ALDH3B1 |
|-------------------------------------------------------|---------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| NCBI GI #                        | 4502043                                             |
| NCBI GeneID                      | 221                                                 |
| NCBI Accession #                 | NP_000685.1                                         |
| NCBI GenBank Nucleotide #        | NM_000694.3                                         |
| UniProt Accession #              | P43353; Q53XL5; Q8N515; Q96CK8; A3FMP9              |
| Molecular Weight                 | 47,683 Da                                           |
| NCBI Official Full Name          | aldehyde dehydrogenase family 3 member B1 isoform a |
| 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           |
| 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/106145>