

## Rabbit ALDH18A Polyclonal Antibody | anti-ALDH18A antibody

ALDH18A Antibody

| CATALOG # | HOST   | REACTIVITY                 | APPLICATIONS                              |
|-----------|--------|----------------------------|-------------------------------------------|
| AAA112216 | Rabbit | HumanPredicted: Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

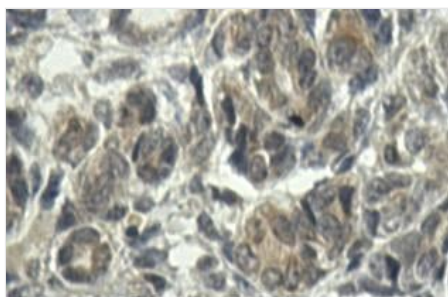
### PRODUCT SYNONYMS

ALDH18A; Polyclonal Antibody; ALDH18A Antibody; anti-ALDH18A antibody

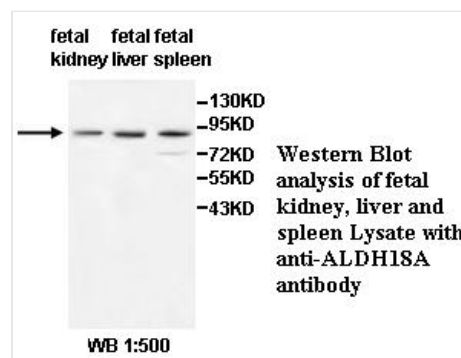
### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                            |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                                                     |
| Reactivity                                        | Human<br>Predicted: Mouse, Rat                                                                                                                                                             |
| Clonality                                         | Polyclonal                                                                                                                                                                                 |
| Form/Format                                       | Purified by protein affinity column containing 1% BSA and 0.02% NaN <sub>3</sub>                                                                                                           |
| Sequence Length                                   | 3183                                                                                                                                                                                       |
| Applicable Applications for anti-ALDH18A antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                       |
| Preparation and Storage                           | Already reconstituted in 200ul sterile H <sub>2</sub> O. The antibody is stable for at least one year when stored at -20 degree C after reconstitution. Avoid repeated freeze/thaw cycles. |

### IMAGES



Immunohistochemical staining of formalin-fixed paraffin-embedded fetal kidney showing cytoplasmic staining with anti-ALDH18A antibody at a dilution of 1/100.



Application Data

Application Data

### ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                    |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ALDH18A antibody | Rabbit polyclonal ALDH18A(1) antibody was raised against a recombinant human ALDH18A protein 10-257aa (BC117240).                                                                                                                  |
| Product Categories/Family for anti-ALDH18A antibody   | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells                  |
| References                                            | (1) Patel, A., Rees, S.D., Kelly, M.A., et al. Association of variants within APOE, SORL1, RUNX1, BACE1 and ALDH18A1 with dementia in Alzheimer's disease in subjects with Down syndrome. Neurosci. Lett. 487 (2), 144-148 (2011). |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 109658837                                                      |
| NCBI GeneID                      | 5832                                                           |
| Molecular Weight                 | 87,089 Da                                                      |
| NCBI Official Full Name          | Homo sapiens aldehyde dehydrogenase 18 family, member A1, mRNA |
| NCBI Official Synonym Full Names | aldehyde dehydrogenase 18 family member A1                     |
| NCBI Official Symbol             | ALDH18A1                                                       |
| NCBI Official Synonym Symbols    | GSAS; P5CS; PYCS; SPG9; ADCL3; SPG9A; SPG9B; ARCL3A            |
| NCBI Protein Information         | delta-1-pyrroline-5-carboxylate synthase                       |
| UniProt Protein Name             | Delta-1-pyrroline-5-carboxylate synthase                       |
| UniProt Gene Name                | <b>ALDH18A1</b>                                                |
| UniProt Synonym Gene Names       | GSAS; P5CS; PYCS; GPR                                          |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/aldh18a-antibody-immunohistochemistry-western-blot-elisa/112216>