

# GOAT ANTI-ALDH18A1 ANTIBODY

**SKU:** EB10433



## SPECIFICATIONS

|                              |   |
|------------------------------|---|
| <b>Formulation</b>           | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.   |
| <b>Unit Size</b>             | 100 µg  |
| <b>Storage Instructions</b>  | Aliquot and store at -20°C. Minimize freezing and thawing.  |
| <b>Synonym / Alias Names</b> | ALDH18A1 pyrroline-5-carboxylate synthetase (glutamate gamma-semialdehyde synthetase) PYCS P5CS MGC117316 GSAS delta1-pyrroline-5-carboxylate synthetase aldehyde dehydrogenase 18A1 aldehyde dehydrogenase 18 family, member A1  |
| <b>Accession ID</b>          | NP_002851.2; NP_001017423.1   |
| <b>Blocking Peptide</b>      | EBP10433  |
| <b>Immunogen</b>             | Peptide with sequence C-SEHGSLKYLH, from the C Terminus of the protein sequence according to NP_002851.2; NP_001017423.1.   |
| <b>Product Comments</b>      | This antibody is expected to recognize both reported isoforms (NP_002851.2; NP_001017423.1).  |
| <b>Peptide Sequence</b>      | C-SEHGSLKYLH  |
| <b>Purification Method</b>   | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.   |
| <b>Shipping Instructions</b> | Refrigerated  |
| <b>Predicted Species</b>     | Human, Mouse, Rat, Dog, Cow, Pig  |
| <b>Reactive Species</b>      | Human, Mouse  |
| <b>Human Gene ID</b>         | 5832  |
| <b>Mouse Gene ID</b>         | 56454   |
| <b>Rat Gene ID</b>           | 361755  |
| <b>Product Grade</b>         | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a> |
| <b>ELISA Detection Limit</b> | Antibody detection limit dilution 1:8000.   |
| <b>Western Blot</b>          | Approx 85kDa band observed in lysates of cell lines NIH3T3 and MCF7 (calculated MW of 87.3kDa according to NP_002851.2). Recommended concentration: 1-3µg/ml.   |
| <b>Application Type</b>      | Pep-ELISA, WB   |

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

