

GOAT ANTI-ALDH18A1 ANTIBODY

SKU: EB10433

250kDa
150kDa
100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / ALDH18A1|pyrroline-5-carboxylate synthetase (glutamate gamma-semialdehyde

Alias synthetase)|PYCS|P5CS|MGC117316|GSAS|delta1-pyrroline-5-carboxylate synthetase|aldehyde dehydrogenase

Names 18A1|aldehyde dehydrogenase 18 family, member A1

Accession ID NP_002851.2; NP_001017423.1

Blocking Peptide EBP10433

Immunogen Peptide with sequence C-SEH GSL KYLH, from the C Terminus of the protein sequence according to NP_002851.2; NP_001017423.1.

Product Comments This antibody is expected to recognize both reported isoforms (NP_002851.2; NP_001017423.1).

Peptide Sequence C-SEH GSL KYLH

Purification Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions Refrigerated

Predicted Species Human, Mouse, Rat, Dog, Cow, Pig

Reactive Species Human, Mouse

Human Gene ID 5832

Mouse Gene ID 56454

Rat Gene ID 361755

Product Grade https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

ELISA

Detection Limit Antibody detection limit dilution 1:8000.

Western Blot 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.

Application Type Pep-ELISA, WB

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

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