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# Goat anti-ALDH6A1 (aa487-496), Biotinylated Antibody

Peptide-affinity purified goat antibody
Catalog # AF4425a

## Product Information

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| **Application** | WB, IHC, Pep-ELISA |
| **Primary Accession** | Q02252 |
| **Other Accession** | NP_005580.1, NP_001265522.1, NP_001265523.1 |
| **Reactivity** | Human, Mouse, Rat, Pig, Dog, Bovine |
| **Host** | Goat |
| **Clonality** | Polyclonal |
| **Clone Names** | ALDH6A1 |
| **Calculated MW** | 57840 |

## Additional Information

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| **Gene ID** | 4329 |
| **Other Names** | ALDH6A1; aldehyde dehydrogenase 6 family member A1; MMSADHA; MMSDH; aldehyde dehydrogenase 6 family, member A1; malonate-semialdehyde dehydrogenase; mitochondrial acylating methylmalonate-semialdehyde dehydrogenase; testicular tissue protein Li 122 |
| **Dilution** | WB~~1:1000 IHC~~1:100~500 Pep-ELISA~~N/A |
| **Format** | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| **Immunogen** | This antibody is expected to recognize all three reported isoform (NP_005580.1; NP_001265522.1; NP_001265523.1). |
| **Storage** | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | Goat anti-ALDH6A1 (aa487-496), Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | ALDH6A1 ( HGNC:7179) |
| **Function** | Malonate and methylmalonate semialdehyde dehydrogenase involved in the catabolism of valine, thymine, and compounds catabolized by way of beta-alanine, including uracil and cytidine. |

**Cellular Location** Mitochondrion.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.