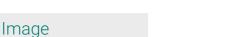
antibodies -online.com





anti-ALDH5A1 antibody (AA 301-312)







Go to Product page

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| Quantity: | 100 μg |
|----------------------|--|
| Target: | ALDH5A1 |
| Binding Specificity: | AA 301-312 |
| Reactivity: | Human, Rat, Mouse |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This ALDH5A1 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunohistochemistry (IHC) |
| | |

Product Details

| Purpose: | ALDH5A1 (aa 301-312) |
|-------------------|--|
| Immunogen: | C-TGKILLHHAANS |
| Sequence: | TGKILLHHAA NS |
| Isotype: | IgG |
| Specificity: | This antibody is expected to recognize both reported isoforms (NP_733936.1, NP_001071.1). Amino acid numbering in name calculated from NP_733936.1. |
| Cross-Reactivity: | Cow, Dog, Human, Mouse, Rat |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

| Target Details | |
|---------------------|--|
| Target: | ALDH5A1 |
| Alternative Name: | ALDH5A1 (ALDH5A1 Products) |
| Background: | ALDH5A1, aldehyde dehydrogenase 5 family, member A1, SSADH, SSDH, NAD(+)-dependent succinic semialdehyde dehydrogenase, aldehyde dehydrogenase 5A1, mitochondrial succinate semialdehyde dehydrogenase, succinate-semialdehyde dehydrogenase |
| Gene ID: | 7915, 214579, 291133 |
| NCBI Accession: | NP_733936, NP_001071 |
| Pathways: | Monocarboxylic Acid Catabolic Process |
| Application Details | |
| Application Notes: | Immunohistochemistry: Paraffin embedded Human Liver. Recommended concentration: 5μ g/mL. Western Blot: Approx 55kDa band observed in Human Liver lysates (calculated MW of 58.7kDa according to NP_733936.1). Recommended concentration: 1 -3 μ g/mL. Please note that both this product and EB10435 detects a 50kDa in Mouse and Rat Liver lysates (calcu Peptide ELISA: antibody detection limit dilution $1:16000$. |
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Western Blotting

Image 1. ABIN571253 ($1\mu g/ml$) staining of Human Liver lysate ($35\mu g$ protein in RIPA buffer). Detected by chemiluminescence.