10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Goat anti-pan ADH, Biotinylated Antibody

Peptide-affinity purified goat antibody
Catalog # AF4418a

## Product Information

| | |
|---|---|
| **Application** | WB, IHC, Pep-ELISA |
| **Primary Accession** | P07327 |
| **Other Accession** | NP_000658.1, NP_000659.2, NP_000660.1 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Goat |
| **Clonality** | Polyclonal |
| **Clone Names** | ADH1A, B, C |
| **Calculated MW** | 39859 |

## Additional Information

| | |
|---|---|
| **Gene ID** | 124 |
| **Other Names** | pan ADH; ADH1B; ADH2; alcohol dehydrogenase IB (class I), beta polypeptide; ADH, beta subunit; aldehyde reductase; alcohol dehydrogenase 2; alcohol; ADH, gamma subunit; alcohol dehydrogenase 3 (class I), gamma polypeptide dehydrogenase 2 (class I), beta p |
| **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 recognise the alpha (ADH1A, NP_ 000658.1), the beta (ADH1B, NP_000659.2) and gamma (ADH1C, NP_000660.1) polypeptide variants of human alcohol dehydrogenase. |
| **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-pan ADH, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

| | |
|---|---|
| **Name** | ADH1A |
| **Synonyms** | ADH1 |

Alcohol dehydrogenase (PubMed: 2738060). Oxidizes primary as well as

| | |
|---|---|
| **Function** | secondary alcohols. Ethanol is a very poor substrate (PubMed:2738060). |
| **Cellular Location** | Cytoplasm. |

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