# Anti-pan ADH, Biotinylated antibody (N-Term) {Biotin} (STJ73221)

## GENERAL INFORMATION

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| Product Type | Primary antibodies |
| Applications | Pep-ELISA/WB |
| Host / Source | Goat |
| Reactivity | Human/Mouse/Rat |

## PRODUCT PROPERTIES

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| Clonality | Polyclonal |
| Concentration | 0.5 mg/mL |
| Conjugation | Biotin |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Dilution Range | Peptide ELISA: antibody detection limit dilution 1:8000.<br>WB: Approx 39kDa band observed in Human Liver lysates (calculated MW of 39.9kDa according to NP_000658.1). See non-biotinylated parental product's datasheet for further QC data. Recommended |
| Formulation | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA |
| Isotype | IgG |
| Storage Instruction | Store at-20°C on receipt and minimise freeze-thaw cycles. |

## TARGET INFORMATION

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| Gene ID | 124 |
| Gene Symbol | ADH1A |
| UniProt ID | ADH1A_HUMAN |
| Immunogen Region | N-Term |
| Immunogen Sequence | STAGKVMKCKA. |
| Specificity | 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. |

## ADDITIONAL INFORMATION

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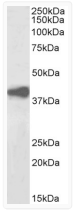
| Note | STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS. |




Biotinylated STJ70639 (2µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer) , exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.