

Goat anti-ADH5 Antibody

Item Number	dAP-1012
Target Molecule	Principle Name: ADH5; Official Symbol: ADH5; All Names and Symbols: ADH5; alcohol dehydrogenase 5 (class III), chi polypeptide; ADH-3; ADHX; FDH ; Alcohol dehydrogenase (class III), chi polypeptide; class III alcohol dehydrogenase 5 chi subunit; formaldehyde dehydrogenase; glutathione-dependent formaldehyde dehydrogenase;; Accession Number (s): NP_000662.3 ; Human Gene ID(s): 128; Non-Human GeneID(s): 11532 (mouse)
Immunogen	KKIKVDEFVTHN, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	Western Blot: Approx 38kDa band observed in Human Testis lysates (calculated MW of 39.7kDa according to NP_000662.3). Recommended concentration: 0.5-1.5µg/ml. An anonymous customer found positive results in WB on Rat penis tissue. An anonymous customer
IHC	Immunohistochemistry: An anonymous customer found positive results in IHC on Rat penile tissue.
Reference	Reference(s): Adinolfi A, Adinolfi M, Hopkinson DA. Immunological and biochemical characterization of the human alcohol dehydrogenase chi-ADH isozyme. Ann Hum Genet. 1984 Jan;48(Pt 1):1-10. .PMID: 6424546 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**