



Goat anti-ADH7 Antibody

Item Number	dAP-1309
Target Molecule	Principle Name: ADH7; Official Symbol: ADH7; All Names and Symbols: ADH7; alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide; ADH-4 ; alcohol dehydrogenase-7; class IV alcohol dehydrogenase 7 mu or sigma subunit; gastric alcohol dehydrogenase.; Accession Number (s): NP_000664.2; Human Gene ID(s): 131; Non-Human GeneID(s):
Immunogen	CISPKDSTKPISE, is from internal region
Applications	Pep ELISA Species Tested:
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 32000.
Western Blot	Western Blot: Preliminary experiments gave an approx 26kDa band in lysates of Human Duodenum and Liver and of Rat stomach after 0.2µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe
IHC	
Reference	Reference(s): Zgombic-Knight M, Foglio MH, Duester G. Genomic structure and expression of the ADH7 gene encoding human class IV alcohol dehydrogenase, the form most efficient for retinol metabolism in vitro. J Biol Chem. 1995 Mar 3;270(9):4305-11. .PMID: 7876191 ->

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**