

Goat anti-GAPDH (Internal), Biotinylated Antibody

Item Number	dAP-3340
Target Molecule	Principle Name: GAPDH (Internal), Biotinylated; Official Symbol: GAPDH; All Names and Symbols: GAPDH; glyceraldehyde-3-phosphate dehydrogenase; G3PD; GAPD; HEL-S-162eP; aging-associated gene 9 protein; epididymis secretory sperm binding protein Li 162eP; peptidyl-cysteine S-nitrosylase GAPDH; Accession Number (s): NP_002037.2; NP_001243728.1; Human Gene ID(s): 2597; Non-Human GeneID(s): 14433 (mouse) 24383 (rat)
Immunogen	GVNHEKYDNSLK., is from internal region This antibody is expected to recognize both reported isoforms (NP_002037.2; NP_001243728.1). Reported variants represent identical protein: NP_001276674.1, NP_002037.2, NP_001276675.1. GAPDH is consti-
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 16000.
Western Blot	Western Blot: Approx 36kDa band observed in Human Liver lysates (calculated MW of 36.1kDa according to NP_002037.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Ismail SA, Park HW. Structural analysis of human liver glyceraldehyde-3-phosphate dehydrogenase. Acta crystallographica. Section D, Biological crystallography 2005 Nov 61 (Pt 11): 1508-13..PMID: 16239728->

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**