

Goat anti-GAPDH (C Terminus) Loading Control, biotinylated Antibody

Item Number	dAP-3294
Target Molecule	Principle Name: GAPDH (C Terminus) Loading Control, 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; Human Gene ID(s): 2597; Non-Human GeneID (s):
Immunogen	HQVVSSDFNSDT., is from C Terminus GAPDH is constitutively expressed in almost all tissues at high levels. It is therefore a useful marker when a loading/positive control is required in western blotting.
Applications	Pep ELISA, WB 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 64000.
Western Blot	Western Blot: Approx 35kDa band observed in lysates of cel line HEK293 (calculated MW of 36.1kDa according to NP_002037.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Burke JR, Enghild JJ, Martin ME, Jou YS, Myers RM, Roses AD, Vance JM, Strittmatter WJ. Huntingtin and DRPLA proteins selectively interact with the enzyme GAPDH. Nature medicine 1996 Mar 2 (3): 347-50..PMID: 8612237->

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**