

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB06377-B - Goat Anti-GAPDH (C Terminus) Loading Control, biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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, HGNC:4141, MGC88685, glyceraldehyde 3-phosphate dehydrogenase **Official Symbol:** GAPDH

Accession Number(s): NP_002037.2

Human GenelD(s): 2597

Important Comments: 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.

Immunogen

Peptide with sequence C-HQVVSSDFNSDT., from the C Terminus of the protein sequence according to NP_002037.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

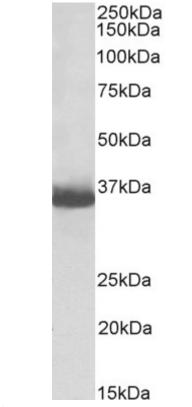
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

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.

Species Reactivity

Tested: Human, Mouse Expected from sequence similarity: Human, Mouse, Dog, Pig



Biotinylated EB06377 (0.5µg/ml) staining of HEK293 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.