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**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 GeneID(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

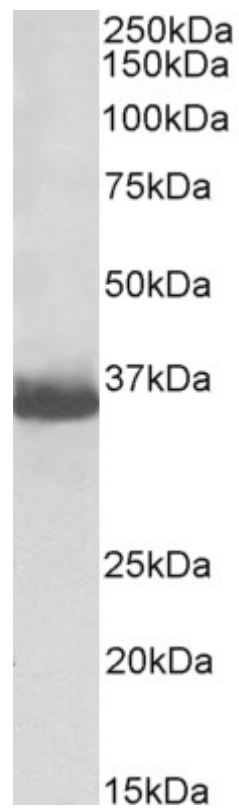
Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 35kDa band observed in lysates of cell 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, Rat

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.