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EB08019 - Goat Anti-Vitamin D-binding protein / GC Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: GC, vitamin D-binding protein, group-specific component (vitamin D binding protein), DBP, DBP/GC, VDBG, VDBP, vitamin D binding protein, vitamin D-binding alpha-globulin, vitamin D-binding protein/group specific component
Official Symbol: GC
Accession Number(s): NP_000574.2
Human GeneID(s): 2638

Immunogen

Peptide with sequence CDNLSTKNSKFED, from the internal region of the protein sequence according to NP_000574.2.

Please note the peptide is available for sale.

Purification and Storage

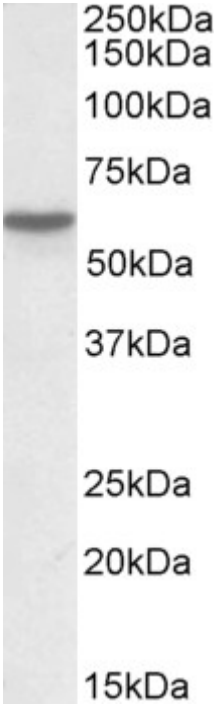
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:2000.
Western blot: Approx 56kDa band observed in Human Lung lysates (calculated MW of 52.9kDa according to NP_000574.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (DiMartino and Kew, J Immunol. 1999 Aug 15;163(4):2135-42; PMID: 10438954). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human



EB08019 (0.03µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.