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Research Use Only. Not for diagnostic or therapeutic use.

EB08020 - Goat Anti-VCBP / GC (aa 18 - 30) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GC, 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, vitamin D-binding protein/group specific component

Official Symbol: GC

Accession Number(s): NP_000574.2

Human GeneID(s): 2638

Non-Human GeneID(s): 14473 (mouse), 24384 (rat)

Immunogen

Peptide with sequence ERGRDYEKNKVCK, from the internal region (near the N Terminus) 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 1:1000.

Western blot: Approx 60kDa band observed in Human Lung and Ovary lysates (calculated MW of 52.9kDa according to NP_000574.2). Recommended concentration: 0.5-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB08020 (1 μ g/ml) staining of Human Lung lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.