

## UK Office

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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

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