

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB11717 - Goat Anti-Osteocalcin Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BGLAP, BGP, bone gamma-carboxyglutamate (gla) protein, bone gamma-carboxyglutamate (gla) protein (osteocalcin), bone Gla protein, gamma-carboxyglutamic acid-containing protein, OC, osteocalcin, OTTHUMP00000016586

**Official Symbol:** BGLAP

**Accession Number(s):** NP\_954642.1

**Human GeneID(s):** [632](#)

### Immunogen

Peptide with sequence C-DELADHIGFQEAYRR, from the internal region (near C terminus) of the protein sequence according to NP\_954642.1.

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 1:128000.

**Western blot:** Not yet tested - our routinely used western blotting protocol does not allow detection of proteins smaller than the calculated size of 11.0kDa according to the precursor NP\_954642.1. Therefore we cannot recommend an optimal concentration and the antibody is an aspiring product.

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Pig, Cow