

#### **International Office**

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# 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,

OTTHUMP0000016586 **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