

International 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