

**Osteocalcin Antibody (internal region, near C-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF3848a****Specification**

---

**Osteocalcin Antibody (internal region, near C-Term) - Product Information**

|                   |                                                   |
|-------------------|---------------------------------------------------|
| Application       | E                                                 |
| Primary Accession | <a href="#">P02818</a>                            |
| Other Accession   | <a href="#">NP_954642.1</a> , <a href="#">632</a> |
| Predicted         | Human, Pig, Cow                                   |
| Host              | Goat                                              |
| Clonality         | Polyclonal                                        |
| Concentration     | 0.5 mg/ml                                         |
| Isotype           | IgG                                               |
| Calculated MW     | 10963                                             |

**Osteocalcin Antibody (internal region, near C-Term) - Additional Information****Gene ID** 632**Other Names**

Osteocalcin, Bone Gla protein, BGP, Gamma-carboxyglutamic acid-containing protein, BGLAP

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Osteocalcin Antibody (internal region, near C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**Osteocalcin Antibody (internal region, near C-Term) - Protein Information****Name** BGLAP**Function**

Bone protein that constitutes 1-2% of the total bone protein, and which acts as a negative regulator of bone formation (PubMed:<<http://www.uniprot.org/citations/3019668>>, PubMed:<<http://www.uniprot.org/citations/6967872>>). Functions to limit bone formation without impairing bone resorption or mineralization (By similarity). It binds strongly to apatite and calcium (PubMed:<<http://www.uniprot.org/citations/6967872>>).

**Cellular Location**

Secreted.

### **Osteocalcin Antibody (internal region, near C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Osteocalcin Antibody (internal region, near C-Term) - Images**

### **Osteocalcin Antibody (internal region, near C-Term) - References**

Serum concentrations of osteocalcin, procollagen type 1 N-terminal propeptide and beta-CrossLaps in obese subjects with varying degrees of glucose tolerance. Iglesias P, Arrieta F, Piñera M, Botella-Carretero JJ, Balsa JA, Zamarrón I, Menacho M, Díez JJ, Muñoz T, Vázquez C. Clin Endocrinol (Oxf). 2011 Aug;75(2):184-8. PMID: 21521304