

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	P02818
Other Accession	NP_954642.1 , 632
Predicted	Human, Pig
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: [3019668](http://www.uniprot.org/citations/3019668), PubMed: [6967872](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: [6967872](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