

A1530

Leader in Biomolecular Solutions for Life Science



Osteocalcin (BGLAP) Rabbit pAb

Catalog No.: A1530

4 Publications

Basic Information

Observed MW

11kDa

Calculated MW

11kDa

Category

Mouse Monoclonal Antibody

Applications

WB

Cross-Reactivity

Human

Background

This gene encodes a highly abundant bone protein secreted by osteoblasts that regulates bone remodeling and energy metabolism. The encoded protein contains a Gla (gamma carboxyglutamate) domain, which functions in binding to calcium and hydroxyapatite, the mineral component of bone. Serum osteocalcin levels may be negatively correlated with metabolic syndrome. Read-through transcription exists between this gene and the neighboring upstream gene, PMF1 (polyamine-modulated factor 1), but the encoded protein only shows sequence identity with the upstream gene product.

Recommended Dilutions

WB 1:200 - 1:500

Immunogen Information

Gene ID

632

Swiss Prot

P02818

Immunogen

A synthetic peptide of human Osteocalcin (BGLAP)

Synonyms

OC; BGP; OCN; Osteocalcin (BGLAP)

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

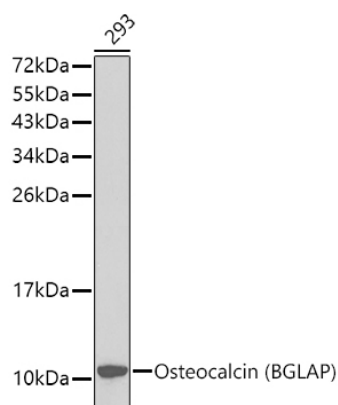
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH 7.3.

Validation Data



Western blot analysis of extracts of 293 cells, using Osteocalcin (BGLAP) antibody (A1530).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.