

## Datasheet for ABIN7643869 **anti-Osteocalcin antibody**



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### Overview

|              |                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                    |
| Target:      | Osteocalcin (BGLAP)                                                                                       |
| Reactivity:  | Human                                                                                                     |
| Host:        | Rabbit                                                                                                    |
| Clonality:   | Polyclonal                                                                                                |
| Conjugate:   | This Osteocalcin antibody is un-conjugated                                                                |
| Application: | Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

### Product Details

|               |                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Polyclonal Antibody to Osteocalcin (OC)                                                                                                                                    |
| Immunogen:    | RPA471Hu02Recombinant Osteocalcin (OC)                                                                                                                                     |
| Isotype:      | IgG                                                                                                                                                                        |
| Specificity:  | The antibody is a rabbit polyclonal antibody raised against OC. It has been selected for its ability to recognize OC in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                     |

### Target Details

|                   |                                                |
|-------------------|------------------------------------------------|
| Target:           | Osteocalcin (BGLAP)                            |
| Alternative Name: | Osteocalcin ( <a href="#">BGLAP Products</a> ) |

## Target Details

Background: BGLAP, OT, BGP, Bone Gla Protein, Bone Gamma-Carboxyglutamate Protein, Gamma-carboxyglutamic acid-containing protein

UniProt: [P02818](#)

## Application Details

Application Notes: Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.