

**BGLAP Antibody (C-term C80)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP14785b****Specification**

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**BGLAP Antibody (C-term C80) - Product Information**

|                   |                                                                                                                                    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Application       | WB,E                                                                                                                               |
| Primary Accession | <a href="#">P02818</a>                                                                                                             |
| Other Accession   | <a href="#">P40147</a> , <a href="#">P02819</a> , <a href="#">P02820</a> , <a href="#">NP_954642.1</a> ,<br><a href="#">P83005</a> |
| Reactivity        | Human                                                                                                                              |
| Predicted         | Bovine, Horse, Monkey, Xenopus                                                                                                     |
| Host              | Rabbit                                                                                                                             |
| Clonality         | Polyclonal                                                                                                                         |
| Isotype           | Rabbit IgG                                                                                                                         |
| Calculated MW     | 10963                                                                                                                              |
| Antigen Region    | 66-100                                                                                                                             |

**BGLAP Antibody (C-term C80) - Additional Information****Gene ID** 632**Other Names**

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

**Target/Specificity**

This BGLAP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 66-100 amino acids from the C-terminal region of human BGLAP.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

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

**Precautions**

BGLAP Antibody (C-term C80) is for research use only and not for use in diagnostic or therapeutic procedures.

**BGLAP Antibody (C-term C80) - 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](#), PubMed:[6967872](#)). Functions to limit bone formation without impairing bone resorption or mineralization (By similarity). It binds strongly to apatite and calcium (PubMed:[6967872](#)).

#### **Cellular Location**

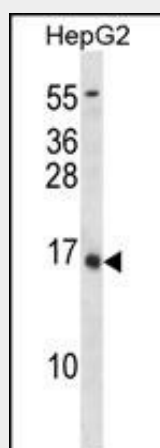
Secreted.

#### **BGLAP Antibody (C-term C80) - 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](#)

#### **BGLAP Antibody (C-term C80) - Images**



BGLAP Antibody (C80) (Cat. #AP14785b) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the BGLAP antibody detected the BGLAP protein (arrow).

#### **BGLAP Antibody (C-term C80) - Background**

Constitutes 1-2% of the total bone protein. It binds strongly to apatite and calcium.

#### **BGLAP Antibody (C-term C80) - References**

Yeap, B.B., et al. Eur. J. Endocrinol. 163(2):265-272(2010)  
Lee, Y.J., et al. Diabetes Care 33 (7), E90 (2010) :  
Foresta, C., et al. J. Clin. Endocrinol. Metab. 95(7):3502-3506(2010)  
Saleem, U., et al. Arterioscler. Thromb. Vasc. Biol. 30(7):1474-1478(2010)  
Das, S.K., et al. Dis. Markers 28(5):281-286(2010)