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BGLAP Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14337c

Specification

BGLAP Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P02818
Other Accession	NP_954642.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**10963**
Antigen Region	**23-52**

BGLAP Antibody (Center) - 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 23-52 amino acids from the Central 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 purified through a protein A column, followed by peptide affinity purification.

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 (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

BGLAP Antibody (Center) - 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).

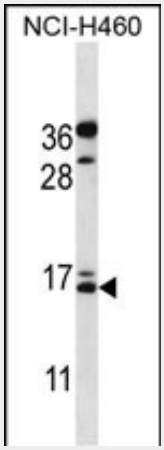
Cellular Location
Secreted.

BGLAP Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BGLAP Antibody (Center) - Images



BGLAP Antibody (Center) (Cat. #AP14337c) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the BGLAP antibody detected the BGLAP protein (arrow).

BGLAP Antibody (Center) - Background

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

BGLAP Antibody (Center) - 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)