

Rabbit anti-Mouse, Rat BGLAP Polyclonal Antibody | anti-BGLAP antibody

BGLAP Polyclonal Antibody

CATALOG # AAA174410	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry
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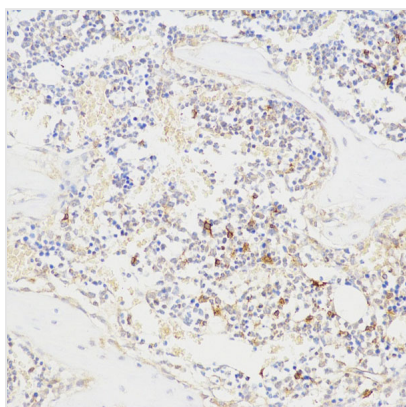
PRODUCT SYNONYMS

BGLAP; Polyclonal Antibody; BGLAP Polyclonal Antibody; BGP; Bone gamma carboxyglutamate (gla) protein; Bone gamma carboxyglutamate gla protein osteocalcin; Bone gamma carboxyglutamate protein; Bone Gla protein; Gamma carboxyglutamic acid containing protein; Gamma-carboxyglutamic acid-containing protein; OC; OCN; OSTCN; Osteocalcin; OTTHUMP00000016586; PMF1; anti-BGLAP antibody

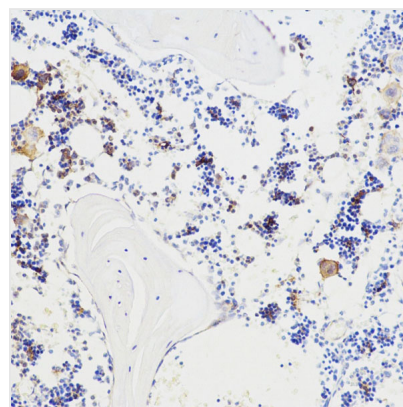
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	0.84 mg/mL (varies by lot)
Sequence Length	95
Applicable Applications for anti-BGLAP antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse Osteocalcin
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded rat bone using BGLAP Polyclonal Antibody at dilution of 1:100.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded mouse bone using BGLAP Polyclonal Antibody at dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-BGLAP antibody	Bone gamma-carboxyglutamic acid (Gla) protein, known as BGLAP, BGP or osteocalcin, is an abundant, non-collagenous protein component of bone that is produced by osteoblasts. In mice, osteocalcin is composed of a cluster of 3 genes known as OG1, OG2 and ORG, all of which can be found within a 23Kb span of genomic DNA. Human osteocalcin is a highly conserved, 46-50 amino acid, single chain protein that contains three vitamin K-dependent g-carboxyglutamic acid residues. Osteocalcin appears transiently in embryonic bone at the time of mineral deposition, where it binds to hydroxyapatite in a calcium-dependent manner.
Product Categories/Family for anti-BGLAP antibody	Cancer; Signal transduction; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	6671634
NCBI GeneID	12096
NCBI Accession #	NP_031567.1
NCBI GenBank Nucleotide #	NM_007541.3
UniProt Accession #	P86546; P04641
Molecular Weight	10,549 Da
NCBI Official Full Name	osteocalcin preproprotein
NCBI Official Synonym Full Names	bone gamma carboxyglutamate protein
NCBI Official Symbol	Bglap
NCBI Official Synonym Symbols	OC; BGP; OG1; mOC-A; Bglap1
NCBI Protein Information	osteocalcin
UniProt Protein Name	Osteocalcin
UniProt Gene Name	Bglap
UniProt Synonym Gene Names	BGP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bglap-antibody-immunohistochemistry-elisa/174410>