

Product datasheet for **TA364268**

Osteocalcin (BGLAP) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Osteocalcin. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Tyr-Leu-Tyr-Gln-Trp-leu-Gly-Ala-Pro-Val-Pro-Tyr- Pro-Asp-Pro-Leu-Glu-Pro-Arg-Arg-Glu-Val-Cys-Glu-Leu-Asn-Pro-Asp- Cys-Asp-OH coupled to carrier protein.
Formulation:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Gene Name:	bone gamma-carboxyglutamate protein
Database Link:	Entrez Gene 632 Human P84351
Background:	Osteocalcin, also known as bone gamma-carboxyglutamic acid-containing protein (BGLAP), is a 49-amino acid non-collagenous protein hormone found in bone and dentin, first identified as a calcium-binding protein in chick bone. Because osteocalcin has gla domains, its synthesis is vitamin K dependent. Osteocalcin is secreted solely by osteoblasts and thought to play a role in the body's metabolic regulation. In its carboxylated form it binds calcium directly and thus concentrates in bone. This antibody was generated by immunization of rabbits with Osteocalcin coupled to a carrier protein.
Synonyms:	BGP; OC; osteocalcin; PMF1



[View online »](#)