

Basic Information

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| Product Name | Anti-Osteoglycin/OGN Antibody |
| Gene Name | Ogn |
| Source | Rabbit |
| Isotype | IgG |
| Species Reactivity | mouse, rat |
| Tested Application | WB, ELISA(Cap) |
| Contents | 500 ug/ml antibody with PBS , 0.02% NaN3 , 1 mg BSA and 50% glycerol. |
| Immunogen | E. coli-derived mouse OIF recombinant protein (Position: A20-F298). |
| concentration | 500 ug/ml |
| Purification | Immunogen affinity purified. |
| Observed MW | 34KD |
| Dilution Ratios | Western blot(WB):1:500-2000 ELISA(Cap): 1:50-1:200 |

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

Osteoglycin (also called mimecan), encoded by the OGN gene, is a human protein. This gene encodes a member of the small leucine-rich proteoglycan (SLRP) family of proteins. The encoded protein induces ectopic bone formation in conjunction with transforming growth factor beta and may regulate osteoblast differentiation. High expression of the encoded protein may be associated with elevated heart left ventricular mass.

Selected Validation Data