

# Anti-Periostin C-terminal Antibody

Our Anti-Periostin C-terminal primary antibody from PhosphoSolutions is rabbit polyclonal. It detects  
Catalog # AN1514

## Product Information

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC                |
| Primary Accession | <a href="#">Q62009</a> |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | IgG                    |
| Calculated MW     | 93144                  |

## Additional Information

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| Gene ID            | 50706                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Other Names        | Fascin-I like antibody, MGC119510 antibody, MGC119511 antibody, OSF 2 antibody, OSF-2 antibody, OSF2 antibody, Osteoblast specific factor 2 (fascin I like) antibody, Osteoblast specific factor 2 antibody, Osteoblast specific factor antibody, Osteoblast-specific factor 2 antibody, PDLPOSTN antibody, Periodontal ligament specific periostin antibody, Periostin antibody, Periostin isoform thy2 antibody, Periostin isoform thy4 antibody, Periostin isoform thy6 antibody, Periostin isoform thy8 antibody, Periostin osteoblast specific factor antibody, PN antibody, POSTN antibody, POSTN_HUMAN antibody, RP11 412K4.1 antibody                                                                                                                                                                                                                                                                                               |
| Target/Specificity | Periostin is a matricellular protein, i.e. an extracellular matrix protein that interacts both with other ECM proteins and with cell-surface receptors. Like many other matricellular proteins, the function of periostin is important both in embryonic development and in the remodeling of adult tissues in response to pathological insults. Periostin was originally isolated as an osteoblast-specific marker that functions as a cell adhesion molecule for preosteoblasts and is thought to be involved in osteoblast recruitment, attachment and spreading (Kruzynska-Frejtag A. et al., 2004). Periostin has since been demonstrated to be important in heart valve development and myocardial infarction because it promotes collagen fibrogenesis, inhibits differentiation of progenitor cells into cardiomyocytes and is essential in maintaining the biomechanical properties of the adult myocardium (Norris et al., 2008). |
| Dilution           | WB~~1:1000 IHC~~1:100~500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Format             | Antigen Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Storage            | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Precautions        | Anti-Periostin C-terminal Antibody is for research use only and not for use in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

diagnostic or therapeutic procedures.

## Shipping

Blue Ice

## Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.