

Anti-Periostin pan Antibody

Our Anti-Periostin pan primary antibody from PhosphoSolutions is rabbit polyclonal. It detects chick

Catalog # AN1515

Specification

Anti-Periostin pan Antibody - Product Information

Application	WB
Primary Accession	Q62009
Reactivity	Bovine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	93144

Anti-Periostin pan Antibody - Additional Information

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-Freitag A. et al., 2004). Periostin has recently been shown to promote collagen fibrogenesis, inhibit differentiation of progenitor cells into cardiomyocytes and to be essential in maintaining the biomechanical properties of the adult myocardium (Norris et al., 2008)

Dilution

WB~~1:1000

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 pan Antibody is for research use only and not for use in diagnostic or therapeutic

procedures.

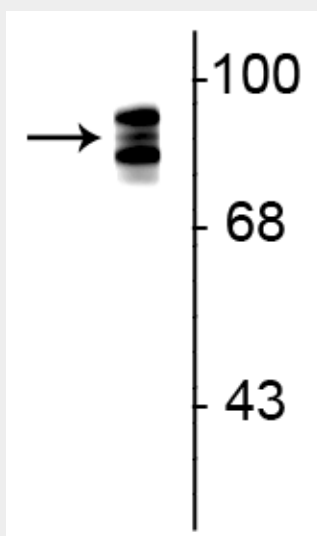
Shipping
Blue Ice

Anti-Periostin pan Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Periostin pan Antibody - Images



Western blot of rat lung lysate showing specific immunolabeling of the ~93 kDa periostin protein triplet.

Anti-Periostin pan Antibody - Background

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 recently been shown to promote collagen fibrogenesis, inhibit differentiation of progenitor cells into cardiomyocytes and to be essential in maintaining the biomechanical properties of the adult myocardium (Norris et al., 2008)