Periostin (pan) Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 253202
Unit: 0.1 ml

Description:
Periostin is a matricellular protein, i.e. an extracellular matrix proteinthat 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. 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.

Isotype: Rabbit Ig
Applications: E, WB, IHC
Species Reactivity: M, X
Format: Each vial contains 0.1 ml IgG in PBS pH7.4 with 0.065% sodium azide. Antibody was purified by immunogen affinity chromatography.
Alternate Names: Periostin; PN; Osteoblast-specific factor 2; OSF-2; Postn; Osf2
Accession No.: Q62009

Antigen: KLH-conjugated peptide encompassing a sequence within mouse periostin.
Application Notes: E: 1:500-1:1,000; WB: 1:1,000; IHC: 1:100

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.