

Periostin Rabbit mAb

Catalog No.: A9009 **Recombinant** **2 Publications**

Basic Information

Observed MW

80kDa

Calculated MW

80kDa/83kDa/84kDa/87kDa/90kDa/93kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

CloneNo number

ARC1380

Background

This gene encodes a secreted extracellular matrix protein that functions in tissue development and regeneration, including wound healing, and ventricular remodeling following myocardial infarction. The encoded protein binds to integrins to support adhesion and migration of epithelial cells. This protein plays a role in cancer stem cell maintenance and metastasis. Mice lacking this gene exhibit cardiac valve disease, and skeletal and dental defects. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

10631

Swiss Prot

Q15063

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Periostin (NP_001129406.1).

Synonyms

PN; OSF2; OSF-2; PDLPOSTN; Periostin

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

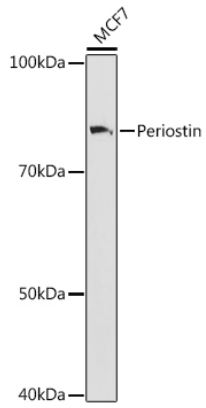
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of MCF7 cells, using Periostin antibody (A9009) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.