

## Anti-Periostin/POSTN Antibody

Catalog Number: A01378-2

### About POSTN

POSTN (Periostin), also known as PN or OSF2, is a protein that in humans is encoded by the POSTN gene. The International Radiation Hybrid Mapping Consortium mapped the POSTN gene to chromosome 13. It was found that purified recombinant PN supported adhesion of ovarian epithelial cells. And periostin was overexpressed by the majority of human primary breast cancers examined. Transfected tumor cell lines overexpressing periostin showed accelerated growth and angiogenesis as xenografts in immunocompromised animals. It was shown that extracellular periostin induced reentry of differentiated mammalian cardiomyocytes into the cell cycle.

### Overview

Product Name	Anti-Periostin/POSTN Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Periostin/POSTN Antibody catalog # A01378-2. Tested in IHC, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q15063

### Technical Details

Immunogen	E.coli-derived human POSTN recombinant protein (Position: N23-A370).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry, 1:50-400 ELISA, 1:100-1000

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