

## Basic Information

<b>Product Name</b>	Anti-Periostin/POSTN Antibody	
<b>Gene Name</b>	POSTN	
<b>Source</b>	Rabbit	
<b>Clonality</b>	Polyclonal	
<b>Isotype</b>	IgG	
<b>Species Reactivity</b>	human, mouse, rat	
<b>Tested Application</b>	IHC, ELISA	
<b>Contents</b>	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg BSA and 50% glycerol.	
<b>Immunogen</b>	E.coli-derived human POSTN recombinant protein (Position: N23-A370).	
<b>Concentration</b>	500 ug/ml	
<b>Purification</b>	Immunogen affinity purified.	
<b>Dilution Ratios</b>	Immunohistochemistry (IHC):	1:50-400
	Enzyme linked immunosorbent assay (ELISA):	1:100-1000
	(Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

## Storage

12 months from date of receipt, -20°C as supplied.

## Background Information

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 showed that extracellular periostin induced reentry of differentiated mammalian cardiomyocytes into the cell cycle.

Product datasheet

## Anti-Periostin/POSTN Antibody

Catalog Number: **A01378-2**



antibody and ELISA experts

**BOSTER BIOLOGICAL TECHNOLOGY**

Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,  
East Lake High-Tech Development Zone, Wuhan.

**Web:** [www.boster.com](http://www.boster.com) **Phone:** 027-67845390/1/2 **Email:** [boster@boster.com](mailto:boster@boster.com)

## Selected Validation Data