

**Periostin Antibody**  
Rabbit mAb  
Catalog # AP91341

## Specification

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### Periostin Antibody - Product Information

Application	WB, FC
Primary Accession	<a href="#">Q15063</a>
Clonality	Monoclonal
<b>Other Names</b>	
Fasciclin-I like; OSF2; Periostin; Periostin osteoblast specific factor; PN; POSTN; RP11 412K4.1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	93314 Da

### Periostin Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Periostin
Description	Binds to heparin. Induces cell attachment and spreading and plays a role in cell adhesion. May play a role in extracellular matrix mineralization.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### Periostin Antibody - Protein Information

**Name** POSTN

**Synonyms** OSF2

#### Function

Induces cell attachment and spreading and plays a role in cell adhesion (PubMed:<a href="http://www.uniprot.org/citations/12235007" target="\_blank">12235007</a>). Enhances incorporation of BMP1 in the fibronectin matrix of connective tissues, and subsequent proteolytic activation of lysyl oxidase LOX (By similarity).

#### Cellular Location

Golgi apparatus {ECO:0000250|UniProtKB:Q62009}. Secreted Secreted, extracellular space, extracellular matrix Note=Colocalizes with BMP1 in the Golgi {ECO:0000250|UniProtKB:Q62009}

#### Tissue Location

Widely expressed with highest levels in aorta, stomach, lower gastrointestinal tract, placenta,

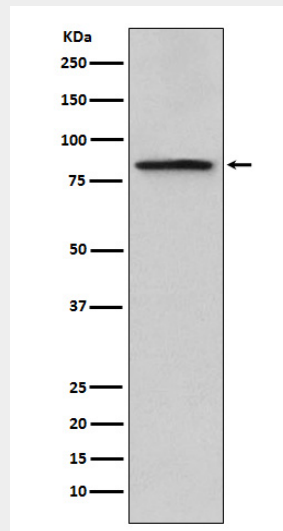
uterus, thyroid tissue and breast. Expressed in the kidney (PubMed:21763681). Expressed in the lung (PubMed:22079858). Up-regulated in epithelial ovarian tumors. Not expressed in normal ovaries. Also highly expressed at the tumor periphery of lung carcinoma tissue but not within the tumor Overexpressed in breast cancers.

### Periostin 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](#)

### Periostin Antibody - Images



Western blot analysis of Periostin expression in 293T cell lysate.