

Periostin Antibody
Rabbit mAb
Catalog # AP91341**Specification****Periostin Antibody - Product Information**

Application	WB, FC
Primary Accession	Q15063
Clonality	Monoclonal
Other Names	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

Dilution	WB~~1:1000 FC~~1:10~50
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:[12235007](http://www.uniprot.org/citations/12235007)). 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

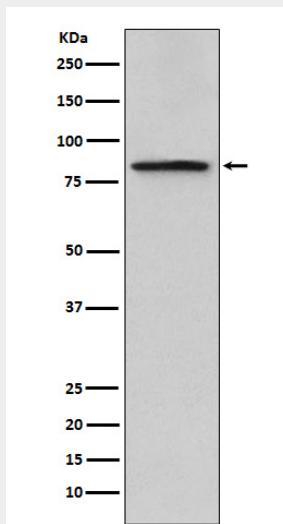
Widely expressed with highest levels in aorta, stomach, lower gastrointestinal tract, placenta, uterus, thyroid tissue and breast. Expressed in the kidney (PubMed:21763681). Expressed in the lung (PubMed:22079858). Up-regulated in epithelial ovarian tumors. Not expressed in normal ovaries. Also highly 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.