

# Periostin Antibody

Rabbit mAb Catalog # AP91341

### **Product Information**

**Application** WB, FC **Primary Accession** Q15063 Reactivity Human 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

#### **Additional Information**

Dilution WB 1:500~1:2000 FC 1:50 **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.

## **Protein Information**

Name **POSTN** 

**Synonyms** OSF2

**Function** Induces cell attachment and spreading and plays a role in cell adhesion

(PubMed:<u>12235007</u>). Enhances incorporation of BMP1 in the fibronectin matrix of connective tissues, and subsequent proteolytic activation of lysyl

oxidase LOX (By similarity).

Golgi apparatus {ECO:0000250 | UniProtKB:Q62009}. Secreted Secreted, **Cellular Location** 

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

# **Images**



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

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