

**Anti-POSTN / Periostin Antibody (clone Stiny-1, Biotin)**  
**Mouse Anti Human Monoclonal Antibody**  
**Catalog # ALS18157**

**Specification**

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**Anti-POSTN / Periostin Antibody (clone Stiny-1, Biotin) - Product Information**

Application	WB, IHC-P, IHC-F, E
Primary Accession	<a href="#">Q15063</a>
Predicted	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Calculated MW	93314

**Anti-POSTN / Periostin Antibody (clone Stiny-1, Biotin) - Additional Information**

**Gene ID** 10631

**Alias Symbol** POSTN

**Other Names**

POSTN, OSF2, PDLPOSTN, Periostin isoform thy6, Periostin isoform thy8, RP11-412K4.1, OSF-2, Osteoblast-specific factor 2, Periostin, Periostin isoform thy2, Periostin isoform thy4, PN

**Target/Specificity**

Recognizes human and mouse periostin

**Precautions**

Anti-POSTN / Periostin Antibody (clone Stiny-1, Biotin) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-POSTN / Periostin Antibody (clone Stiny-1, Biotin) - 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.

### **Anti-POSTN / Periostin Antibody (clone Stiny-1, Biotin) - 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](#)

### **Anti-POSTN / Periostin Antibody (clone Stiny-1, Biotin) - Images**