

**Goat anti-periostin (aa112-125) Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF4354a

## Specification

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### Goat anti-periostin (aa112-125) Antibody - Product Information

Application	WB, Pep-ELISA
Primary Accession	<a href="#">Q15063</a>
Other Accession	<a href="#">NP_006466.2</a> , <a href="#">NP_001129406.1</a> , <a href="#">NP_001129407.1</a> , <a href="#">NP_001129408.1</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	93314

### Goat anti-periostin (aa112-125) Antibody - Additional Information

Gene ID 10631

#### Other Names

POSTN; periostin, osteoblast specific factor; MGC119510; MGC119511; OSF-2; OSF2; PDLPOSTN; PN; RP11-412K4.1; periostin; OTTHUMP00000018268; OTTHUMP00000018269; OTTHUMP00000018270; OTTHUMP00000018271; osteoblast specific factor 2 (fasciclin I-like); osteob

#### Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

#### Immunogen

This antibody is expected to recognize all reported isoforms (NP\_006466.2; NP\_001129406.1; NP\_001129407.1; NP\_001129408.1).

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

Goat anti-periostin (aa112-125) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Goat anti-periostin (aa112-125) 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.

**Goat anti-periostin (aa112-125) 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](#)

**Goat anti-periostin (aa112-125) Antibody - Images**