

# Goat anti-periostin (aa112-125) Antibody

Peptide-affinity purified goat antibody

Catalog # AF4354a

## Product Information

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

## Additional Information

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<b>Gene ID</b>	10631
<b>Other Names</b>	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
<b>Dilution</b>	WB~~1:1000 Pep-ELISA~~N/A
<b>Format</b>	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.
<b>Immunogen</b>	This antibody is expected to recognize all reported isoforms (NP_006466.2; NP_001129406.1; NP_001129407.1; NP_001129408.1).
<b>Storage</b>	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.
<b>Precautions</b>	Goat anti-periostin (aa112-125) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	POSTN
<b>Synonyms</b>	OSF2
<b>Function</b>	Induces cell attachment and spreading and plays a role in cell adhesion (PubMed: <a href="#">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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.