

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

Specification

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

Application	WB, Pep-ELISA
Primary Accession	O15063
Other Accession	NP_006466.2 , NP_001129406.1 , NP_001129407.1 , NP_001129408.1
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: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.

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