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Goat anti-periostin (aa112-125) Antibody

Peptide-affinity purified goat antibody
Catalog # AF4354a

Product Information

Application	WB, Pep-ELISA
Primary Accession	Q15063
Other Accession	NP_006466.2, NP_001129406.1, NP_001129407.1, NP_001129408.1
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Clone Names	POSTN
Calculated MW	93314

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
Dilution	WB~~1:1000 Pep-ELISA~~N/A
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.

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.

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