

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

Mouse Anti Human Monoclonal Antibody

Catalog # ALS18157

Product Information

Application	WB, IHC-P, IHC-F, E
Primary Accession	Q15063
Predicted	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Names	Stiny-1
Calculated MW	93314
Concentration (mg/ml)	1 mg/ml

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.

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'.