10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

Mouse Anti Human Monoclonal Antibody
Catalog # ALS18157

Specification

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

Application	**WB, IHC-P, IHC-F, E**
Primary Accession	Q15063
Predicted	**Human, Mouse**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1,k**
Calculated MW	**93314**

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

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

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

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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