

POSTN Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11962b**Specification**

POSTN Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q15063](#)**POSTN Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 10631**Other Names**

Periostin, PN, Osteoblast-specific factor 2, OSF-2, POSTN, OSF2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

POSTN Antibody (C-term) Blocking peptide - 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.

POSTN Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

POSTN Antibody (C-term) Blocking peptide - Images**POSTN Antibody (C-term) Blocking peptide - Background**

POSTN binds to heparin. It induces cell attachment and spreading and plays a role in cell adhesion and may play a role in extracellular matrix mineralization.

POSTN Antibody (C-term) Blocking peptide - References

Zhu, M., et al. Gynecol. Oncol. 119(2):337-344(2010)Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Takada, M., et al. Biochem. Biophys. Res. Commun. 399(2):221-226(2010)Sidhu, S.S., et al. Proc. Natl. Acad. Sci. U.S.A. 107(32):14170-14175(2010)Tischler, V., et al. BMC Cancer 10, 273 (2010) :