

NPNT Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18069c**Specification**

NPNT Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q6UXI9](#)

NPNT Antibody (Center) Blocking Peptide - Additional Information

Gene ID 255743

Other Names

Nephronectin, Preosteoblast EGF-like repeat protein with MAM domain, Protein EGFL6-like, NPNT, EGFL6L, POEM

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.

NPNT Antibody (Center) Blocking Peptide - Protein Information

Name NPNT

Synonyms EGFL6L, POEM

Function

Functional ligand of integrin alpha-8/beta-1 in kidney development. Regulates the expression of GDNF with integrin alpha- 8/beta-1 which is essential for kidney development. May also play a role in the development and function of various tissues, regulating cell adhesion, spreading and survival through the binding of several integrins (By similarity).

Cellular Location

Secreted, extracellular space, extracellular matrix. Note=Trapped on the cell surface or in the extracellular matrix.

Tissue Location

Expressed in kidney and lung and to a lower extent in brain, pregnant uterus, placenta, thyroid gland and blood vessels

NPNT Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NPNT Antibody (Center) Blocking Peptide - Images

NPNT Antibody (Center) Blocking Peptide - Background

Functional ligand of integrin alpha-8/beta-1 in kidney development. Regulates the expression of GDNF with integrin alpha-8/beta-1 which is essential for kidney development. May also play a role in the development and function of various tissues, regulating cell adhesion, spreading and survival through the binding of several integrins (By similarity).

NPNT Antibody (Center) Blocking Peptide - References

Kalsi, G., et al. Hum. Mol. Genet. 19(12):2497-2506(2010) Hancock, D.B., et al. Nat. Genet. 42(1):45-52(2010) Kahai, S., et al. PLoS ONE 4 (10), E7535 (2009) :Huang, J.T., et al. Int. J. Mol. Med. 15(4):719-724(2005) Brandenberger, R., et al. J. Cell Biol. 154(2):447-458(2001)