

**NPNT Antibody (Center) Blocking Peptide**  
Synthetic peptide  
Catalog # BP18069c**Specification****NPNT Antibody (Center) Blocking Peptide -  
Product Information**Primary Accession [O6UX19](#)**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

**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)

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](#)