

NPNT Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP18069c

Product Information

Application WB, E Primary Accession Q6UXI9

Other Accession NP_001028219.1

Reactivity Human
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Clone Names RB37732
Calculated MW 61907
Antigen Region 365-392

Additional Information

Gene ID 255743

Other Names Nephronectin, Preosteoblast EGF-like repeat protein with MAM domain,

Protein EGFL6-like, NPNT, EGFL6L, POEM

Target/SpecificityThis NPNT antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 365-392 amino acids from the Central

region of human NPNT.

Dilution WB~~1:1000 E~~Use at an assay dependent concentration.

Format Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions NPNT Antibody (Center) is for research use only and not for use in diagnostic

or therapeutic procedures.

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

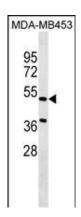
Background

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).

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)

Images



NPNT Antibody (Center) (Cat. #AP18069c) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the NPNT antibody detected the NPNT protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.