

**MN1 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12722c****Specification**

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**MN1 Antibody (Center) Blocking peptide - Product Information**Primary Accession [Q10571](#)**MN1 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 4330**Other Names**

Probable tumor suppressor protein MN1, MN1

**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.

**MN1 Antibody (Center) Blocking peptide - Protein Information****Name** MN1**Function**

Transcriptional activator which specifically regulates expression of TBX22 in the posterior region of the developing palate. Required during later stages of palate development for growth and medial fusion of the palatal shelves. Promotes maturation and normal function of calvarial osteoblasts, including expression of the osteoclastogenic cytokine TNFSF11/RANKL. Necessary for normal development of the membranous bones of the skull (By similarity). May play a role in tumor suppression (Probable).

**Cellular Location**

Nucleus.

**Tissue Location**

Widely expressed in fetal and adult tissues. Highest expression is observed in fetal brain and skeletal muscle, and adult skeletal muscle.

**MN1 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **MN1 Antibody (Center) Blocking peptide - Images**

#### **MN1 Antibody (Center) Blocking peptide - Background**

Meningioma 1 (MN1) contains two sets of CAG repeats. It is disrupted by a balanced translocation (4;22) in a meningioma, and its inactivation may contribute to meningioma pathogenesis.

#### **MN1 Antibody (Center) Blocking peptide - References**

Liu, T., et al. Leukemia 24(3):601-612(2010) Kandilci, A., et al. Blood 114(8):1596-1606(2009) Trynka, G., et al. Gut 58(8):1078-1083(2009) Langer, C., et al. J. Clin. Oncol. 27(19):3198-3204(2009) Schroeder, T., et al. Leuk. Lymphoma 50(6):1043-1046(2009)