

MN1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12722c

Specification

MN1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O10571
Other Accession	NP_002421.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	136001
Antigen Region	835-864

MN1 Antibody (Center) - Additional Information

Gene ID 4330

Other Names

Probable tumor suppressor protein MN1, MN1

Target/Specificity

This MN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 835-864 amino acids from the Central region of human MN1.

Dilution

WB~~1:1000

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

MN1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

MN1 Antibody (Center) - 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

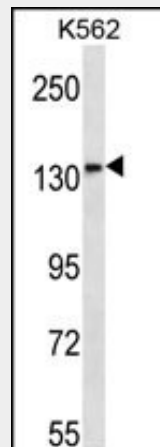
Widely expressed in fetal and adult tissues. Highest expression is observed in fetal brain and skeletal muscle, and adult skeletal muscle.

MN1 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MN1 Antibody (Center) - Images



MN1 Antibody (Center) (Cat. #AP12722c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the MN1 antibody detected the MN1 protein (arrow).

MN1 Antibody (Center) - 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) - 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)