10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MN1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12722c

Specification

MN1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q10571
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.

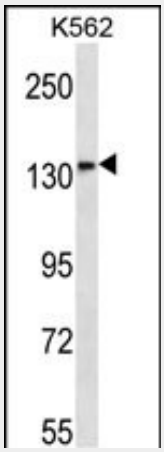
Tissue Location
Widely expressed in fetal and adult tissues. Highest expression is observed in fetal brain and skeletal muscle, and adult skeletal muscle.

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 Cytomety
- 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 32 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)