

MNX1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16474c**Specification**

MNX1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P50219](#)

MNX1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 3110

Other Names

Motor neuron and pancreas homeobox protein 1, Homeobox protein HB9, MNX1, HLXB9

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.

MNX1 Antibody (Center) Blocking Peptide - Protein Information

Name MNX1

Synonyms HLXB9

Function

Transcription factor (By similarity). Recognizes and binds to the regulatory elements of target genes, such as visual system homeobox CHX10, negatively modulating transcription (By similarity). Plays a role in establishing motor neuron identity, in concert with LIM domain transcription factor LMO4 (By similarity). Involved in negatively modulating transcription of interneuron genes in motor neurons, acting, at least in part, by blocking regulatory sequence interactions of the ISL1-LHX3 complex (By similarity). Involved in pancreas development and function; may play a role in pancreatic cell fate specification (By similarity).

Cellular Location

Nucleus.

Tissue Location

Expressed in lymphoid and pancreatic tissues.

MNX1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MNX1 Antibody (Center) Blocking Peptide - Images

MNX1 Antibody (Center) Blocking Peptide - Background

This gene encodes a nuclear protein, which contains a homeobox domain and is a transcription factor. Mutations in this gene result in Currarino syndrome, an autosomal dominant congenital malformation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

MNX1 Antibody (Center) Blocking Peptide - References

Turgut, M. Acta Neurochir (Wien) 152(6):1083-1084(2010) Garcia-Barcelo, M.M., et al. J. Pediatr. Surg. 44(10):1892-1898(2009) Park, J., et al. Cancer Genet. Cytogenet. 191(2):102-105(2009) Ballabio, E., et al. Leukemia 23(6):1179-1182(2009) Taketani, T., et al. Cancer Genet. Cytogenet. 186(2):115-119(2008)