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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.

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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 ahomeobox domain and is a transcription factor. Mutations in thisgene result in Currarino syndrome, an autosomic dominant congenitalmalformation. Alternatively spliced transcript variants encodingdifferent isoforms have been found for this gene. [provided byRefSeq].

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)