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

HB9/HLXB9 Antibody
Rabbit mAb
Catalog # AP91496

Specification

HB9/HLXB9 Antibody - Product Information

Application	**WB, IP**
Primary Accession	P50219
Clonality	**Monoclonal**

Other Names
HB9; HLXB9; Homeobox HB9; Homeobox protein HB9; HOXHB9; MNX1; Motor neuron and pancreas homeobox protein 1; SCRA1;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**40569 Da**

HB9/HLXB9 Antibody - Additional Information

Dilution	**WB~~1:1000** **IP~~N/A**
Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human HB9/HLXB9**
Description	**Putative transcription factor involved in pancreas development and function.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

HB9/HLXB9 Antibody - 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.

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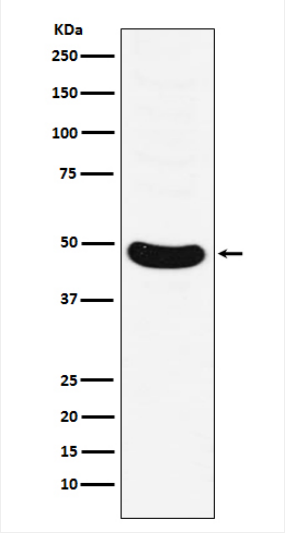
Tissue Location
Expressed in lymphoid and pancreatic tissues.

HB9/HLXB9 Antibody - 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

HB9/HLXB9 Antibody - Images



Western blot analysis of HB9/HLXB9 expression in Molt-4 cell lysate.