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HB9/HLXB9 Antibody

Rabbit mAb
Catalog # AP91496

Product Information

Application	WB, IP
Primary Accession	P50219
Reactivity	Human, Mouse
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

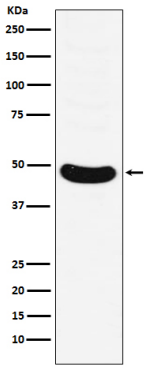
Additional Information

Dilution	WB 1:500~1:2000 IP 1:50
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.

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.

Images



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