

Anti-HB9/HLXB9 Monoclonal Antibody

Catalog # ABO14482

Product Information

Application	WB, IP
Primary Accession	P50219
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-HB9/HLXB9 Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human, Mouse.

Additional Information

Gene ID	3110
Other Names	Motor neuron and pancreas homeobox protein 1, Homeobox protein HB9, MNX1, HLXB9
Calculated MW	40569
Application Details	WB 1:500-1:2000 IP 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: ACIE-13
Immunogen	A synthesized peptide derived from human HB9/HLXB9
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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.

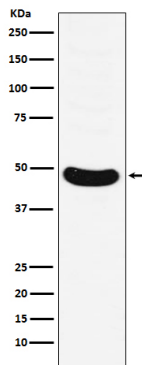
Tissue Location

Expressed in lymphoid and pancreatic tissues.

Background

Putative transcription factor involved in pancreas development and function.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.