

DATASHEET

MNX1 Rabbit Monoclonal Antibody(C1019)

CAT. NO. AMA00631

KEY FEATURES

| | | | |
|---------------|--|---------------|--------------|
| Target | MNX1 | Source / Host | Rabbit |
| Reactivity | Human, Rat | Clonality | Monoclonal |
| Applications | WB, IHC | Conjugation | Unconjugated |
| Form / Buffer | Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide. | Storage | at-20°C |

BACKGROUND

Transcription factor . Recognizes and binds to the regulatory elements of target genes, such as visual system homeobox CHX10, negatively modulating transcription . Plays a role in establishing motor neuron identity, in concert with LIM domain transcription factor LMO4 . 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 . Involved in pancreas development and function; may play a role in pancreatic cell fate specification .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|-----|----------------|
| WB | 1:500 - 1:1000 |
| IHC | 1:50 - 1:200 |

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

| | |
|-------------------|--|
| Description | Recombinant rabbit monoclonal antibody to MNX1 |
| Specificity | Recognizes endogenous levels of MNX1 protein |
| Antibody Type | Primary antibody, Recombinant |
| Immunogen | KLH-conjugated synthetic peptide encompassing a sequence within human MNX1. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 40; Observed: 41;45-50 kD |
| Form/Buffer | Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide. |
| Alternative Names | HLXB9; Motor neuron and pancreas homeobox protein 1; Homeobox protein HB9 |
| Gene Symbol | MNX1 |
| Entrez Gene | 3110(Human) |
| SwissProt | P50219(Human) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

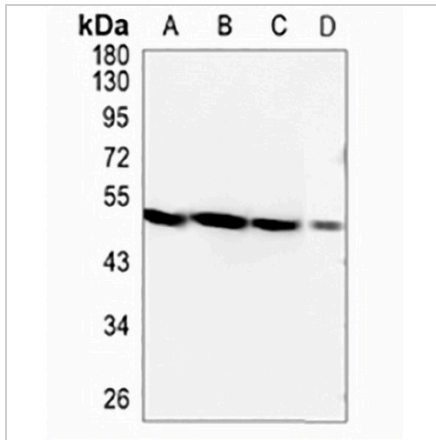
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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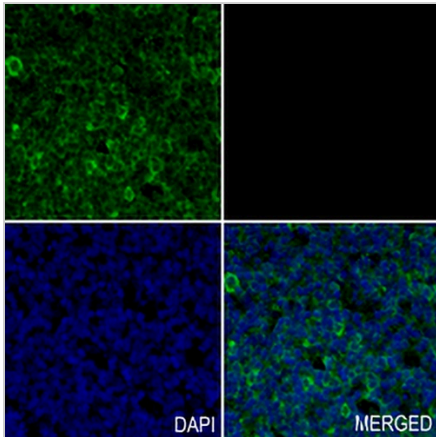
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Western blot analysis of MNX1 expression in HEK293T (A), HepG2 (B), Jurkat (C), rat liver (D) whole cell lysates. (Predicted band size: 40; 20 kD; Observed band size: 41;45-50 kD)



Immunohistochemical analysis of MNX1 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. Tyramide-AREX® Fluor 488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.