

Anti-HB9/HLXB9/MNX1 Antibody [JE32-08]

HA721410



Product Type: Recombinant Rabbit monoclonal IgG, primary antibodies

Species reactivity: Human, Mouse, Rat

Applications: WB

Molecular Wt: Predicted band size: 41 kDa

Clone number: JE32-08

Description: Motor neuron and pancreas homeobox 1 (MNX1), also known as Homeobox HB9 (HLXB9), is a human protein encoded by the MNX1 gene. Mutations in the MNX1 gene are associated with Currarino syndrome. Upregulated expression of MNX1-AS1 long noncoding RNA predicts poor prognosis in gastric cancer.

Immunogen: Synthetic peptide within Human HB9/HLXB9/MNX1 aa 276-325 / 401.

Positive control: HeLa cell lysate, Raji cell lysate, MCF7 cell lysate, HepG2 cell lysate, Huh7 cell lysate, PANC-1 cell lysate, SW1990 cell lysate, mouse pancreas tissue lysate.

Subcellular location: Nucleus.

Database links: SwissProt: P50219 Human | Q9QZW9 Mouse | M0R6D8 Rat

Recommended Dilutions:

WB 1:1,000

Storage Buffer: 1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders: 0086-571-88062880

Technical: 0086-571-89986345

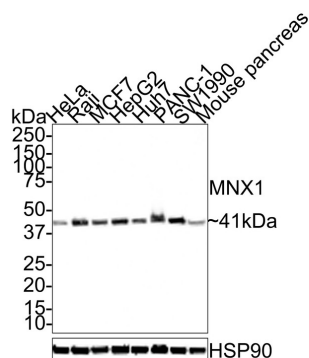
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Applications: WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

Images

Fig1: Western blot analysis of HB9/HLXB9/MNX1 on different lysates with Rabbit anti-HB9/HLXB9/MNX1 antibody (HA721410) at 1/1,000 dilution.



Lane 1: HeLa cell lysate (15 µg/Lane)
 Lane 2: Raji cell lysate (15 µg/Lane)
 Lane 3: MCF7 cell lysate (15 µg/Lane)
 Lane 4: HepG2 cell lysate (15 µg/Lane)
 Lane 5: Huh7 cell lysate (15 µg/Lane)
 Lane 6: PANC-1 cell lysate (15 µg/Lane)
 Lane 7: SW1990 cell lysate (15 µg/Lane)
 Lane 8: Mouse pancreas tissue lysate (30 µg/Lane)

Predicted band size: 41 kDa

Observed band size: 41 kDa

Exposure time: 5 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (HA721410) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:100,000 dilution was used for 1 hour at room temperature.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Zhu Q et al. MNX1-AS1 Promotes Phase Separation of IGF2BP1 to Drive c-Myc-Mediated Cell-Cycle Progression and Proliferation in Lung Cancer. Cancer Res. 2022 Dec
2. Li T et al. LncRNA MNX1-AS1: A novel oncogenic propellant in cancers. Biomed Pharmacother. 2022 May

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