


Product datasheet

Anti-HB9/HLXB9/MNX1 antibody ab92606

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Overview

Product name	Anti-HB9/HLXB9/MNX1 antibody
Description	Rabbit polyclonal to HB9/HLXB9/MNX1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Dog 
Immunogen	Synthetic peptide corresponding to Mouse HB9/HLXB9/MNX1 aa 330-380. Database link: NP_064328.2
Positive control	WB: MOLT 4 cell lysate; IHC-P: Mouse pancreas tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab92606 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 41 kDa.
IHC-P		Use a concentration of 5 µg/ml.

Target

Function

Putative transcription factor involved in pancreas development and function.

Tissue specificity

Expressed in lymphoid and pancreatic tissues.

Involvement in disease

Defects in MNX1 are a cause of Currarino syndrome (CURRAS) [MIM:176450]. The triad of a presacral tumor, sacral agenesis and anorectal malformation constitutes the Currarino syndrome which is caused by dorsal-ventral patterning defects during embryonic development. The syndrome occurs in the majority of patients as an autosomal dominant trait.

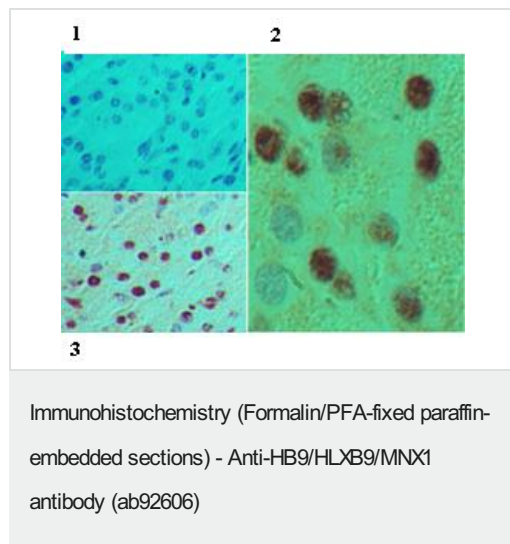
Sequence similarities

Contains 1 homeobox DNA-binding domain.

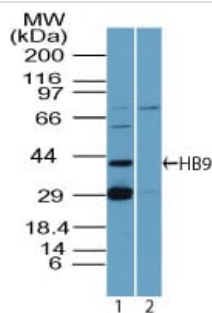
Cellular localization

Nucleus.

Images



Immunohistochemistry analysis of HB9/HLXB9/MNX1 expression in formalin-fixed, paraffin-embedded Mouse pancreas tissue using: an isotype control (1) or ab92606 at 5µg/ml (2 and 3).



Western blot - Anti-HB9/HLXB9/MNX1 antibody
(ab92606)

All lanes : Anti-HB9/HLXB9/MNX1 antibody (ab92606) at 0.5
µg/ml

Lane 1 : MOLT 4 cell lysate

Lane 2 : MOLT 4 cell lysate with immunizing peptide

Secondary

All lanes : HRP-conjugated Goat anti-Rabbit IgG

Predicted band size: 41 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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