**Product datasheet**

**Anti-HB9/HLXB9 antibody ab59795**

2 References

### Overview

**Product name**
Anti-HB9/HLXB9 antibody

**Description**
Sheep polyclonal to HB9/HLXB9

**Host species**
Sheep

**Specificity**
ab59795 is specific for HB9/HLXB9.

**Tested applications**
Suitable for: IHC-P, WB, ELISA

**Species reactivity**
Reacts with: Mouse, Human

**Immunogen**
Synthetic peptide: H-APADRLRAESPSPPRLAAHC-NH2, corresponding to amino acids 68-88 of Human HB9/HLXB9 conjugated to Blue Carrier Protein.

**Positive control**
Normal Term and First Trimester human Placenta and mouse Neuroblastoma and Spinal Cord cells.

**General notes**
For additional stability glycerol at a concentration of 1:1 can be added.

### Properties

**Form**
Liquid

**Storage instructions**
Store at +4°C short term (1-2 weeks) (add antibacterial agent). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

**Storage buffer**
Constituent: Whole serum

**Purity**
Whole antiserum

**Clonality**
Polyclonal

**Isotype**
IgG

### Applications

Our Abpromise guarantee covers the use of ab59795 in the following tested applications.

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

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<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>IHC-P</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>WB</td>
<td></td>
<td>1/1000. Predicted molecular weight: 41 kDa.</td>
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<tr>
<td>ELISA</td>
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<td>1/500 - 1/6500.</td>
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