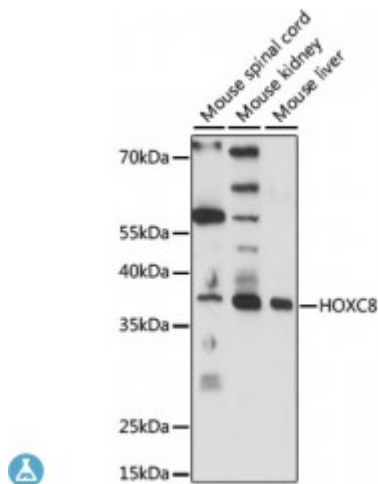


## Anti-HOXC8 Antibody



### Description

This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene may play a role in the regulation of cartilage differentiation. It could also be involved in chondrodysplasias or other cartilage disorders.

|                         |                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>            | STJ117260                                                                                                         |
| <b>Host</b>             | Rabbit                                                                                                            |
| <b>Reactivity</b>       | Mouse, Rat                                                                                                        |
| <b>Applications</b>     | WB                                                                                                                |
| <b>Immunogen</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human HOXC8 (NP_073149.1). |
| <b>Gene ID</b>          | <a href="#">3224</a>                                                                                              |
| <b>Gene Symbol</b>      | <a href="#">HOXC8</a>                                                                                             |
| <b>Dilution range</b>   | WB 1:500 - 1:2000                                                                                                 |
| <b>Purification</b>     | Affinity purification                                                                                             |
| <b>Note</b>             | For Research Use Only (RUO).                                                                                      |
| <b>Protein Name</b>     | Homeobox protein Hox-C8 Homeobox protein Hox-3A                                                                   |
| <b>Molecular Weight</b> | 27.755 kDa                                                                                                        |

|                              |                                                                                                                                                                                  |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>             | Polyclonal                                                                                                                                                                       |
| <b>Conjugation</b>           | Unconjugated                                                                                                                                                                     |
| <b>Isotype</b>               | IgG                                                                                                                                                                              |
| <b>Formulation</b>           | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                                                                                |
| <b>Storage Instruction</b>   | Store at -20C. Avoid freeze / thaw cycles.                                                                                                                                       |
| <b>Database Links</b>        | <a href="#">HGNC:5129OMIM:142970</a>                                                                                                                                             |
| <b>Alternative Names</b>     | Homeobox protein Hox-C8 Homeobox protein Hox-3A                                                                                                                                  |
| <b>Function</b>              | Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis |
| <b>Cellular Localization</b> | Nucleus                                                                                                                                                                          |

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