



## Anti-HOXC12 (aa 1-100) polyclonal antibody (DPAB-DC1601)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

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| <b>Antigen Description</b> | 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. |
| <b>Immunogen</b>           | HOXC12 (NP_776272, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. The sequence is<br><br>MGEHNLLNPGFVGVLVNIHTGDTFYFPNFRASGAQLPGLPSLSYPRRDNVCSLSWPSAEP<br>CNGYPQPYLGSPVSLNPPFGRTCELARVEDGKGYYREPCA  |
| <b>Source/Host</b>         | Mouse   |
| <b>Species Reactivity</b>  | Human   |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Applications</b>        | WB (Recombinant protein), ELISA,  |
| <b>Size</b>                | 50 µl   |
| <b>Buffer</b>              | 50 % glycerol   |
| <b>Preservative</b>        | None  |
| <b>Storage</b>             | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.  |

### GENE INFORMATION

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|----------------------------|---|
| <b>Gene Name</b>           | <a href="#">HOXC12 homeobox C12 [ Homo sapiens (human) ]</a>  |
| <b>Official Symbol</b>     | HOXC12  |
| <b>Synonyms</b>            | HOXC12; homeobox C12; HOX3; HOC3F; HOX3F; homeobox protein Hox-C12; homeo box 3F; homeo box C12; homeobox protein Hox-3F; |
| <b>Entrez Gene ID</b>      | <a href="#">3228</a>  |
| <b>Protein Refseq</b>      | <a href="#">NP_776272</a>   |
| <b>UniProt ID</b>          | <a href="#">P31275</a>  |
| <b>Chromosome Location</b> | 12q13.13  |
| <b>Function</b>            | sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;                               |

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