



Anti-HOXB4 (aa 1-60) polyclonal antibody (DPAB-DC1594)

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

PRODUCT INFORMATION

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| Antigen Description | This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Intracellular or ectopic expression of this protein expands hematopoietic stem and progenitor cells in vivo and in vitro, making it a potential candidate for therapeutic stem cell expansion. |
| Immunogen | HOXB4 (NP_076920, 1 a.a. ~ 60 a.a) partial recombinant protein with GST tag. The sequence is MAMSSFLINSNYVDPKFPPCEEYSQSDYLPSPDHSPGYYAGGQRRESSFQPEAGFGRRAAC |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | WB (Recombinant protein), ELISA, |
| Size | 50 µl |
| Buffer | 50 % glycerol |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | HOXB4 homeobox B4 [Homo sapiens (human)] |
| Official Symbol | HOXB4 |
| Synonyms | HOXB4; homeobox B4; HOX2; HOX2F; HOX-2.6; homeobox protein Hox-B4; homeo box 2F; homeo box B4; homeobox protein Hox-2F; homeobox protein Hox-2.6; |
| Entrez Gene ID | 3214 |
| Protein Refseq | NP_076920 |
| UniProt ID | P17483 |
| Chromosome Location | 17q21.32 |
| Function | sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; |
