

DNAxPAb

Hard-to-Find
Antibody

HOXC4 DNAxPab

Catalog # H00003221-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HOXC4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MIMSSYLMDSNYIDPKFPPCEEYSQNSYIPEHSPEYYGRTRESGFQHHHQELYPPPPPRPSYPER QYSCTSLQGPGNSRGHGPAQAGHHHPEKSQSLCEPAPLSGASASPSAPPACSQPAPDHPSS AASKQPMYPWMKKIHVSTVNPNYNGGEPKRSRTAYTRQQVLELEKEFHYNRYLTRRRRIEIAHSLC LSERQIKWQFQNRMKWKKDHRLPNTKVRSAAPAGAAPSTLSAATPGTSEDHSQSATPPEQQRA EDITRL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — HOXC4

Entrez GeneID [3221](#)

GeneBank Accession# [NM_014620.4](#)

Protein Accession# [NP_055435.2](#)

Gene Name HOXC4

Gene Alias HOX3, HOX3E, cp19

Gene Description homeobox C4

Omim ID [142974](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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, HOXC4, is one of several homeobox HOXC genes located in a cluster on chromosome 12. Three genes, HOXC5, HOXC4 and HOXC6, share a 5' non-coding exon. Transcripts may include the shared exon spliced to the gene-specific exons, or they may include only the gene-specific exons. Two alternatively spliced variants that encode the same protein have been described for HOXC4. Transcript variant one includes the shared exon, and transcript variant two includes only gene-specific exons. [provided by RefSeq]

Other Designations homeo box 3E|homeo box C4

Disease

- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)