

DNAxPAb

Hard-to-Find
Antibody

HOXD8 DNAxPab

Catalog # H00003234-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HOXD8 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSSYFVNPLYSKYKAAAAAAAAAAGEAINPTYDCHFAPGVGGRHAAAAAALQLYGNSAAGFPHA PPQAHAHPHPSPPPSGTGCGGREGRGQEYFHPGGGSPAAAYQAAPPPPHPPPPPPPPPCGG IACHGEPAKFYGYDNLQRQPIFTTQQEAEVLVQYPDCKSSSGNIGEDPDHLNQSSSPSQMFPMWR PQAPGRRRGRQTYSRFQTLELEKEFLFNPYLTRKRRIEVSHALALTERQVKIWFQNRMRMKWKKEN NKDKFPVSRQEVKDGETKKEAQELEEDRAEGLTN
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 — HOXD8

Entrez GeneID [3234](#)**GeneBank Accession#** [BC090853.1](#)**Protein Accession#** [AAH90853.1](#)**Gene Name** HOXD8**Gene Alias** HOX4, HOX4E, HOX5.4**Gene Description** homeobox D8**Omim ID** [142985](#)**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, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with severe limb and genital abnormalities. In addition to effects during embryogenesis, this particular gene may also play a role in adult urogenital tract function. [provided by RefSeq]

Other Designations Hox-4.5, mouse, homolog of homeobox 4E|homeobox D8|homeobox protein 5.4

Disease

- [Clubfoot](#)