

DNAxPAb

Hard-to-Find
Antibody

HOXD3 DNAxPab

Catalog # H00003232-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HOXD3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLFEQGGQALELPECTMQKAAYENPGLFGGYGYSKTTDTYGYSTPHQPYPYPPAAASSLDTDYP GSACSIQSSAPLRAPAHKGAELNGSCMRPGTGNSQGGGGGSQPPGLNSEQQPPQPPPPPTL PPSSPTNPGGGVPAKKPKGGPNASSSSATISKQIFPWMKESRQNSKQKNSCATAGESCEDKSP PGPASKRVRTAYTSAQLVELEKEFHFNRYLCRPRRVEMANLLNLTERQIKIWFQNRMRMYKKDQK AKGILHSPASQSPERSPPLGGAAGHVAYSQGLPPVPGLAYDAPSPPAFAKSQPNMYGLAAYTAP LSSCLPQQKRYAAPEFEPHPMASNGGGFASANLQGSPVYVGGNFVESMAPASGPVFNLGHLSH PSSASVDYSCAAQIPGNHHHGPCDPHPTYTDLSAHHSSQGRLPEAPKLTHL
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 — HOXD3

Entrez GeneID [3232](#)

GeneBank Accession# [NM_006898.4](#)

Protein Accession# [NP_008829.3](#)

Gene Name HOXD3

Gene Alias HOX1D, HOX4, HOX4A, Hox-4.1, MGC10470

Gene Description homeobox D3

Omim ID [142980](#)

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 at 2q31-2q37 chromosome regions. Deletions that removed the entire HOXD gene cluster or 5' end of this cluster have been associated with severe limb and genital abnormalities. The protein encoded by this gene may play a role in the regulation of cell adhesion processes. [provided by RefSeq]

Other Designations Hox-4.1, mouse, homolog of OTTHUMP00000163342|homeobox D3|homeobox protein Hox-D3

Disease

- [Clubfoot](#)