

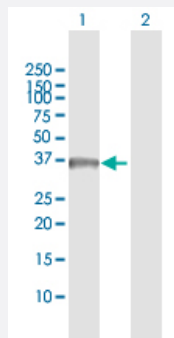
MaxPab®

HOXD8 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00003234-D01

Size 100 uL

Applications

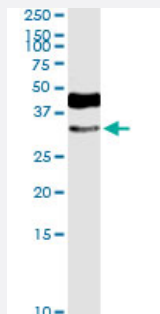


Western Blot (Transfected lysate)

Western Blot analysis of HOXD8 expression in transfected 293T cell line ([H00003234-T01](#)) by HOXD8 MaxPab polyclonal antibody.

Lane 1: HOXD8 transfected lysate(31.80 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of HOXD8 transfected lysate using anti-HOXD8 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with HOXD8 MaxPab rabbit polyclonal antibody (D01) ([H00003234-D01](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human HOXD8 protein.

Immunogen

HOXD8 (AAH90853.1, 1 a.a. ~ 289 a.a) full-length human protein.

Sequence

MSSYFVNPLYSKYKAAAAAAAAAAGEAINPTYDCHFAPGVGGRHAAAAAALQLYGNSAAGFPHA
PPQAHAPHSPPPSGTGCGGREGRGQEYFHPGGGSPAAAYQAAPPPPPHPPPPPPPPCGG
IACHGEPAKFYGYDNLQRQPIFTTQQEAEVLQYPDCKSSSGNIGEDPDHLNQSSSPSQMFPWMR
PQAPGRRRGRQTYSRFQTLELEKEFLNPYLTRKRRIEVSHALAL TERQVKIWFQNRMRMKWKKEN
NKDKFPVSRQEVKDGETKKEAQELEEDRAEGLTN

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (85)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

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 homeo box 4E/homeo box D8/homeobox protein 5.4

Disease

- [Clubfoot](#)