



Anti-HOXD8 (aa 126-190) polyclonal antibody (DPAB-DC1602)

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

PRODUCT INFORMATION

Antigen Description	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. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Dec 2010]
Immunogen	HOXD8 (NP_062458, 126 a.a. ~ 190 a.a) partial recombinant protein with GST tag. The sequence is GIACHGEPAKFYGYDNLQRQPIFTTQQEALVQYPDCKSSSGNIGEDPDHLNQSSSPSQM FPWMR
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

Gene Name	HOXD8 homeobox D8 [Homo sapiens (human)]
Official Symbol	HOXD8
Synonyms	HOXD8; homeobox D8; HOX4; HOX4E; HOX5.4; homeobox protein Hox-D8; Hox-4.5; homeo box 4E; homeo box D8; homeobox protein 5.4; homeobox protein Hox-4E; homeobox protein Hox-5.4;
Entrez Gene ID	3234
Protein Refseq	NP_001186675
UniProt ID	P13378
Chromosome Location	2q31.1
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;