



Human HOXD10 blocking peptide (CDBP1504)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-HOXD10 antibody
Antigen Description	This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox D genes located on chromosome 2. The encoded nuclear protein functions as a sequence-specific transcription factor that is expressed in the developing limb buds and is involved in differentiation and limb development. Mutations in this gene have been associated with Wilm's tumor and congenital vertical talus (also known as "rocker-bottom foot" deformity or congenital convex pes valgus) and/or a foot deformity resembling that seen in Charcot-Marie-Tooth disease.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	HOXD10 homeobox D10 [Homo sapiens]
Official Symbol	HOXD10
Synonyms	HOXD10; homeobox D10; homeo box D10 , HOX4, HOX4D; homeobox protein Hox-D10;

homeo box 4D; homeo box D10; homeobox protein Hox-4D; homeobox protein Hox-4E; HOX4; HOX4D; HOX4E; Hox-4.4;

Entrez Gene ID	3236
mRNA Refseq	NM_002148
Protein Refseq	NP_002139
UniProt ID	P28358
Chromosome Location	2q31.1
Function	chromatin binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;