

HOXD10 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12608b**Specification**

HOXD10 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [P28358](#)

HOXD10 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 3236

Other Names

Homeobox protein Hox-D10, Homeobox protein Hox-4D, Homeobox protein Hox-4E, HOXD10, HOX4D, HOX4E

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HOXD10 Antibody (C-term) Blocking peptide - Protein Information

Name HOXD10

Synonyms HOX4D, HOX4E

Function

Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

Cellular Location

Nucleus.

Tissue Location

Strongly expressed in the adult male and female urogenital tracts

HOXD10 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

HOXD10 Antibody (C-term) Blocking peptide - Images

HOXD10 Antibody (C-term) Blocking peptide - Background

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.

HOXD10 Antibody (C-term) Blocking peptide - References

Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Reddy, S.D., et al. Cancer Res. 68(20):8195-8200(2008) Gurnett, C.A., et al. Clin. Orthop. Relat. Res. 462, 27-31 (2007) :Zhao, X., et al. Am. J. Hum. Genet. 80(2):361-371(2007) Wang, L.L., et al. Zhonghua Yi Xue Yi Chuan Xue Za Zhi 22(6):653-656(2005)