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HOXD12 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP10198b

Specification

HOXD12 Antibody (C-term) Blocking peptide - Product Information

Primary Accession	P35452
Other Accession	NP_067016.3

HOXD12 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 3238

Other Names
Homeobox protein Hox-D12, Homeobox protein Hox-4H, HOXD12, HOX4H

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.

HOXD12 Antibody (C-term) Blocking peptide - Protein Information

Name HOXD12

Synonyms HOX4H

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.

HOXD12 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

HOXD12 Antibody (C-term) Blocking peptide - Images

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HOXD12 Antibody (C-term) Blocking peptide - Background

This gene belongs to the homeobox family of genes. Thehomeobox genes encode a highly conserved family of transcriptionfactors that play an important role in morphogenesis in allmulticellular organisms. Mammals possess four similar homeobox geneclusters, HOXA, HOXB, HOXC and HOXD, located on differentchromosomes, consisting of 9 to 11 genes arranged in tandem. Thisgene is one of several homeobox HOXD genes located in a cluster onchromosome 2. Deletions that remove the entire HOXD gene cluster orthe 5' end of this cluster have been associated with severe limband genital abnormalities. The exact role of this gene has not beendetermined.

HOXD12 Antibody (C-term) Blocking peptide - References

Sugie, Y., et al. Brain Dev. 32(5):356-361(2010)Woo, C.J., et al. Cell 140(1):99-110(2010)Ester, A.R., et al. Am. J. Med. Genet. A 149A (12), 2745-2752 (2009) :Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009)Zhao, X., et al. Am. J. Hum. Genet. 80(2):361-371(2007)