

**HOXD12 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10198b****Specification**

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**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**

**HOXD12 Antibody (C-term) Blocking peptide - Background**

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. The exact role of this gene has not been determined.

**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)