

HOXD11 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16139c**Specification**

HOXD11 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P31277](#)

HOXD11 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 3237

Other Names

Homeobox protein Hox-D11, Homeobox protein Hox-4F, HOXD11, HOX4F

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.

HOXD11 Antibody (Center) Blocking Peptide - Protein Information

Name HOXD11

Synonyms HOX4F

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.

HOXD11 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HOXD11 Antibody (Center) Blocking Peptide - Images

HOXD11 Antibody (Center) 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 product of the mouse Hoxd11 gene plays a role in forelimb morphogenesis.

HOXD11 Antibody (Center) 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) Bouba, I., et al. Pediatr. Nephrol. 24(8):1569-1572(2009)