

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

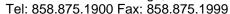
Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides

HOXD11 Antibody (Center) Blocking Peptide - Images

HOXD11 Antibody (Center) Blocking Peptide - Background







This gene belongs to the homeobox family of genes. 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 product of the mouse Hoxd11 geneplays 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)