

HOXD13 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11224c**Specification**

HOXD13 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [P35453](#)**HOXD13 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 3239**Other Names**

Homeobox protein Hox-D13, Homeobox protein Hox-4l, HOXD13, HOX4l

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.

HOXD13 Antibody (Center) Blocking peptide - Protein Information**Name** HOXD13**Synonyms** HOX4l**Function**

Sequence-specific transcription factor that binds gene promoters and activates their transcription (PubMed:24789103). Part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis (By similarity).

Cellular Location

Nucleus.

HOXD13 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

HOXD13 Antibody (Center) Blocking peptide - Images

HOXD13 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. Mutations in this particular gene cause synpolydactyly.

HOXD13 Antibody (Center) Blocking peptide - References

Sugie, Y., et al. Brain Dev. 32(5):356-361(2010) Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Salsi, V., et al. Mol. Cell. Biol. 29(21):5775-5788(2009) Cantile, M., et al. Int. J. Cancer 125(7):1532-1541(2009) Wajid, M., et al. Clin. Genet. 76(3):300-302(2009)