

HOXA10 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10276c**Specification**

HOXA10 Antibody (Center) Blocking peptide - Product Information

Primary Accession [P31260](#)
Other Accession [NP_061824.3](#), [NP_714926.1](#)

HOXA10 Antibody (Center) Blocking peptide - Additional Information

Gene ID 3206

Other Names

Homeobox protein Hox-A10, Homeobox protein Hox-18, Homeobox protein Hox-1H, PL, HOXA10, HOX1H

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.

HOXA10 Antibody (Center) Blocking peptide - Protein Information

Name HOXA10

Synonyms HOX1H

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. Binds to the DNA sequence 5'-AA[AT]TTTTATTAC-3'.

Cellular Location

Nucleus.

HOXA10 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

HOXA10 Antibody (Center) Blocking peptide - Images**HOXA10 Antibody (Center) Blocking peptide - Background**

In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor that may regulate gene expression, morphogenesis, and differentiation. More specifically, it may function in fertility, embryo viability, and regulation of hematopoietic lineage commitment. Alternatively spliced transcript variants encoding different isoforms have been described.

HOXA10 Antibody (Center) Blocking peptide - References

Du, H., et al. Biol. Reprod. 83(2):205-211(2010) Cheng, W., et al. J. Cancer Res. Clin. Oncol. 136(8):1221-1227(2010) Liatsikos, S.A., et al. Reprod. Biomed. Online 21(1):126-132(2010) Godbole, G., et al. J. Reprod. Immunol. 85(2):130-139(2010) Ko, S.Y., et al. Mol. Cell. Endocrinol. 317 (1-2), 112-119 (2010) :