

HOXB9 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16244c**Specification**

HOXB9 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P17482](#)

HOXB9 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 3219

Other Names

Homeobox protein Hox-B9, Homeobox protein Hox-25, Homeobox protein Hox-2E, HOXB9, HOX2E

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.

HOXB9 Antibody (Center) Blocking Peptide - Protein Information

Name HOXB9

Synonyms HOX2E

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.

HOXB9 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HOXB9 Antibody (Center) Blocking Peptide - Images

HOXB9 Antibody (Center) Blocking Peptide - Background

HOXB9 is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of leukemia, prostate cancer and lung cancer.

HOXB9 Antibody (Center) Blocking Peptide - References

Hayashida, T., et al. Proc. Natl. Acad. Sci. U.S.A. 107(3):1100-1105(2010) Need, A.C., et al. Hum. Mol. Genet. 18(23):4650-4661(2009) Rouault, K., et al. Osteoarthr. Cartil. 17(8):1099-1105(2009) Nguyen, D.X., et al. Cell 138(1):51-62(2009) Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009)