

HOXB8 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16167b**Specification**

HOXB8 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P17481](#)**HOXB8 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 3218**Other Names**

Homeobox protein Hox-B8, Homeobox protein Hox-24, Homeobox protein Hox-2D, HOXB8, HOX2D

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.

HOXB8 Antibody (C-term) Blocking Peptide - Protein Information**Name** HOXB8**Synonyms** HOX2D**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.

HOXB8 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HOXB8 Antibody (C-term) Blocking Peptide - Images**HOXB8 Antibody (C-term) Blocking Peptide - Background**

This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with colorectal cancer. Mice that have had the murine ortholog of this gene knocked out exhibit an excessive pathologic grooming behavior. This behavior is similar to the behavior of humans suffering from the obsessive-compulsive spectrum disorder trichotillomania.

HOXB8 Antibody (C-term) Blocking Peptide - References

Kosaki, K., et al. Teratology 65(2):50-62(2002) Greer, J.M., et al. Neuron 33(1):23-34(2002) Knoepfler, P.S., et al. Oncogene 20(39):5440-5448(2001) Fujino, T., et al. Exp. Hematol. 29(7):856-863(2001) Vider, B.Z., et al. Biochem. Biophys. Res. Commun. 232(3):742-748(1997)