

HOXB13 Antibody (C-term) Blocking Peptide

Synthetic peptide

Catalog # BP19162b

Specification

HOXB13 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q92826](#)

HOXB13 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 10481

Other Names

Homeobox protein Hox-B13, HOXB13

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.

HOXB13 Antibody (C-term) Blocking Peptide - Protein Information

Name HOXB13

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 preferentially to methylated DNA (PubMed: <http://www.uniprot.org/citations/28473536> target="_blank">28473536).

Cellular Location

Nucleus.

HOXB13 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HOXB13 Antibody (C-term) Blocking Peptide - Images

HOXB13 Antibody (C-term) Blocking Peptide - Background

This gene encodes a transcription factor that belongs to the homeobox gene family. Genes of this family are highly conserved among vertebrates and essential for vertebrate embryonic development. This gene has been implicated to play a role in fetal skin development and cutaneous regeneration. In mice, a similar gene was shown to exhibit temporal and spatial colinearity in the main body axis of the embryo, but was not expressed in the secondary axes, which suggests functions in body patterning along the axis. This gene and other HOXB genes form a gene cluster at chromosome the 17q21-22 region.

HOXB13 Antibody (C-term) Blocking Peptide - References

McMullin, R.P., et al. Proc. Natl. Acad. Sci. U.S.A. 107(1):98-103(2010) Kim, Y.R., et al. Mol. Cancer 9, 124 (2010) :Norris, J.D., et al. Mol. Cell 36(3):405-416(2009) Goetz, M.P., et al. Clin. Cancer Res. 14(18):5864-5868(2008) Rodriguez, B.A., et al. Carcinogenesis 29(7):1459-1465(2008)