

**HOXC11 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9510b****Specification**

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**HOXC11 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O43248](#)**HOXC11 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 3227**Other Names**

Homeobox protein Hox-C11, Homeobox protein Hox-3H, HOXC11, HOX3H

**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.

**HOXC11 Antibody (C-term) Blocking Peptide - Protein Information****Name** HOXC11**Synonyms** HOX3H**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 a promoter element of the lactase-phlorizin hydrolase gene.

**Cellular Location**

Nucleus.

**HOXC11 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**HOXC11 Antibody (C-term) Blocking Peptide - Images**

**HOXC11 Antibody (C-term) Blocking Peptide - Background**

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, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. HOXC11 binds to a promoter element of the lactase-phlorizin hydrolase. It also may play a role in early intestinal development.

**HOXC11 Antibody (C-term) Blocking Peptide - References**

McIlroy, M., et al. Cancer Res. 70(4):1585-1594(2010)Zhang, X., et al. J. Cell. Mol. Med. 11(2):299-306(2007)Kosaki, K., et al. Teratology 65(2):50-62(2002)Mitchellmore, C., et al. J. Biol. Chem. 273(21):13297-13306(1998)