

HOXD1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16263a**Specification**

HOXD1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [O9GZZ0](#)

HOXD1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 3231

Other Names

Homeobox protein Hox-D1, Homeobox protein Hox-GG, HOXD1, HOX4, HOX4G

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.

HOXD1 Antibody (N-term) Blocking Peptide - Protein Information

Name HOXD1

Synonyms HOX4, HOX4G

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. Acts on the anterior body structures.

Cellular Location

Nucleus.

HOXD1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HOXD1 Antibody (N-term) Blocking Peptide - Images

HOXD1 Antibody (N-term) Blocking Peptide - Background

HOXD1 is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. This nuclear protein functions as a sequence-specific transcription factor that is involved in differentiation and limb development. Mutations in this gene have been associated with severe developmental defects on the anterior-posterior (a-p) limb axis.

HOXD1 Antibody (N-term) Blocking Peptide - References

Goode, E.L., et al. Nat. Genet. 42(10):874-879(2010) Ester, A.R., et al. Am. J. Med. Genet. A 149A(12), 2745-2752 (2009) Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Kosaki, K., et al. Teratology 65(2):50-62(2002) Pitera, J.E., et al. Mech. Dev. 109(2):377-381(2001)