

BarX1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7276c**Specification**

BarX1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O9HBU1](#)**BarX1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 56033**Other Names**

Homeobox protein BarH-like 1, BARX1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7276c](/product/products/AP7276c) was selected from the Center region of human BarX1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

BarX1 Antibody (Center) Blocking Peptide - Protein Information**Name** BARX1**Function**

Transcription factor, which is involved in craniofacial development, in odontogenesis and in stomach organogenesis. May have a role in the differentiation of molars from incisors. Plays a role in suppressing endodermal Wnt activity (By similarity). Binds to a regulatory module of the NCAM promoter.

Cellular Location

Nucleus.

Tissue Location

Widely expressed. Expressed at higher levels in testis and heart. Detected in craniofacial tissue and adult iris, but not in lymphocytes, fibroblasts, choroid retina, retinal pigment epithelium, kidney, or fetal liver

BarX1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

BarX1 Antibody (Center) Blocking Peptide - Images

BarX1 Antibody (Center) Blocking Peptide - Background

BarX1 is a member of the Bar subclass of homeobox transcription factors. Studies of the mouse and chick homolog suggest this protein may play a role in developing teeth and craniofacial mesenchyme of neural crest origin. The protein may also be associated with differentiation of stomach epithelia.

BarX1 Antibody (Center) Blocking Peptide - References

Lowry,R.B., Am. J. Med. Genet. A 143 (11), 1227-1230 (2007)Gould,D.B., Genomics 68 (3), 336-342 (2000)