

**IRX5 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16657b****Specification**

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**IRX5 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [P78411](#)

**IRX5 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 10265

**Other Names**

Iroquois-class homeodomain protein IRX-5, Homeodomain protein IRX-2A, Homeodomain protein IRXB2, Iroquois homeobox protein 5, IRX5, IRX2A, IRXB2

**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.

**IRX5 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** IRX5

**Synonyms** IRX2A, IRXB2

**Function**

Establishes the cardiac repolarization gradient by its repressive actions on the KCND2 potassium-channel gene. Required for retinal cone bipolar cell differentiation. May regulate contrast adaptation in the retina and control specific aspects of visual function in circuits of the mammalian retina (By similarity). Could be involved in the regulation of both the cell cycle and apoptosis in prostate cancer cells. Involved in craniofacial and gonadal development. Modulates the migration of progenitor cell populations in branchial arches and gonads by repressing CXCL12.

**Cellular Location**

Nucleus.

**IRX5 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **IRX5 Antibody (C-term) Blocking Peptide - Images**

#### **IRX5 Antibody (C-term) Blocking Peptide - Background**

IRX5 is a member of the Iroquois homeobox gene family. Members of this family appear to play multiple roles during patternformation of vertebrate embryos.

#### **IRX5 Antibody (C-term) Blocking Peptide - References**

Myrthue, A., et al. Clin. Cancer Res. 14(11):3562-3570(2008)Bruneau, B.G. Med Sci (Paris) 22(3):231-232(2006)Ogura, K., et al. Cytogenet. Cell Genet. 92 (3-4), 320-325 (2001) :Lewis, M.T., et al. Cell Tissue Res. 296(3):549-554(1999)