

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

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)