10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

IRX3 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP14549a

Specification

IRX3 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P78415

IRX3 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 79191

Other Names
Iroquois-class homeodomain protein IRX-3, Homeodomain protein IRXB1, Iroquois homeobox protein 3, IRX3, IRXB1

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.

IRX3 Antibody (N-term) Blocking Peptide - Protein Information

Name IRX3

Synonyms IRXB1

Function
Transcription factor involved in SHH-dependent neural patterning. Together with NKX2-2 and NKX6-1 acts to restrict the generation of motor neurons to the appropriate region of the neural tube. Belongs to the class I proteins of neuronal progenitor factors, which are repressed by

IRX3 Antibody (N-term) Blocking Peptide - Background

IRX3 is a member of the Iroquois homeobox gene family (seeIRX1; MIM 606197) and plays a role in an early step of neuraldevelopment (Bellefroid et al., 1998 [PubMed 9427753]). Members ofthis family appear to play multiple roles during pattern formationof vertebrate embryos (Lewis et al., 1999 [PubMed10370142]).

IRX3 Antibody (N-term) Blocking Peptide - References

Ragvin, A., et al. Proc. Natl. Acad. Sci. U.S.A. 107(2):775-780(2010)Trynka, G., et al. Gut 58(8):1078-1083(2009)Lewis, M.T., et al. Cell Tissue Res. 296(3):549-554(1999)Bellefroid, E.J., et al. EMBO J. 17(1):191-203(1998)

SHH signals. Involved in the transcriptional repression of MNX1 in non-motor neuron cells. Acts as a regulator of energy metabolism.

Cellular Location
Nucleus.

IRX3 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides