



NKX2-2 Antibody (Center) Blocking peptide

Synthetic peptide Catalog # BP12730c

Specification

NKX2-2 Antibody (Center) Blocking peptide - Product Information

Primary Accession <u>095096</u>

NKX2-2 Antibody (Center) Blocking peptide - Additional Information

Gene ID 4821

Other Names

Homeobox protein Nkx-22, Homeobox protein NK-2 homolog B, NKX2-2, NKX22, NKX2B

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.

NKX2-2 Antibody (Center) Blocking peptide - Protein Information

Name NKX2-2

Synonyms NKX2.2, NKX2B

Function

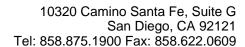
Transcriptional activator involved in the development of insulin-producting beta cells in the endocrine pancreas (By similarity). May also be involved in specifying diencephalic neuromeric boundaries, and in controlling the expression of genes that play a role in

NKX2-2 Antibody (Center) Blocking peptide - Background

The protein encoded by this gene contains a homeoboxdomain and may be involved in the morphogenesis of the centralnervous system. This gene is found on chromosome 20 near NKX2-4, and these two genes appear to be duplicated on chromosome 14 in theform of TITF1 and NKX2-8. The encoded protein is likely to be anuclear transcription factor.

NKX2-2 Antibody (Center) Blocking peptide - References

Wang, Y.C., et al. J. Surg. Res. 163(1):47-51(2010)Wang, Y.C., et al. Endocr. Relat. Cancer 16(1):267-279(2009)Chen, M., et al. J. Biol. Chem. 284(3):1484-1494(2009)Owen, L.A., et al. PLoS ONE 3 (4), E1965 (2008) :Pauls, S., et al. Dev. Biol. 304(2):875-890(2007)





axonal guidance. Binds to elements within the NEUROD1 promoter (By similarity).

Cellular Location
Nucleus
{ECO:0000255|PROSITE-ProRule:PRU00108}.

NKX2-2 Antibody (Center) Blocking peptide - Protocols

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

• Blocking Peptides