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# NKX2-2 Antibody (Center) Blocking peptide

**Synthetic peptide**
**Catalog # BP12730c**

## Specification

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

Primary Accession O95096

### 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