

NKX2-2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12730c**Specification**

NKX2-2 Antibody (Center) Blocking peptide - Product InformationPrimary 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-producing 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 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](#)

NKX2-2 Antibody (Center) Blocking peptide - Images

NKX2-2 Antibody (Center) Blocking peptide - Background

The protein encoded by this gene contains a homeobox domain and may be involved in the morphogenesis of the central nervous system. This gene is found on chromosome 20 near NKX2-4, and these two genes appear to be duplicated on chromosome 14 in the form of TITF1 and NKX2-8. The encoded protein is likely to be a nuclear 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)