

NKX3-2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17702c**Specification**

NKX3-2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P78367](#)**NKX3-2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 579**Other Names**

Homeobox protein Nkx-32, Bagpipe homeobox protein homolog 1, Homeobox protein NK-3 homolog B, NKX3-2, BAPX1, NKX3B

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.

NKX3-2 Antibody (Center) Blocking Peptide - Protein Information**Name** NKX3-2**Synonyms** BAPX1, NKX3B**Function**

Transcriptional repressor that acts as a negative regulator of chondrocyte maturation. Plays a role in distal stomach development; required for proper antral-pyloric morphogenesis and development of antral-type epithelium. In concert with GSC, defines the structural components of the middle ear; required for tympanic ring and gonium development and in the regulation of the width of the malleus (By similarity).

Cellular Location

Nucleus.

Tissue Location

Expressed at highest levels in cartilage, bone (osteosarcoma) and gut (small intestine and colon), whereas moderate expression is seen in trachea and brain. Expressed in visceral mesoderm and embryonic skeleton.

NKX3-2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NKX3-2 Antibody (Center) Blocking Peptide - Images

NKX3-2 Antibody (Center) Blocking Peptide - Background

This gene encodes a member of the NK family of homeobox-containing proteins. The encoded protein may play a role in skeletal development.

NKX3-2 Antibody (Center) Blocking Peptide - References

Hellemans, J., et al. Am. J. Hum. Genet. 85(6):916-922(2009)Rodrigo, I., et al. Mol. Cell. Biol. 24(7):2757-2766(2004)Tribioli, C., et al. Gene 203(2):225-233(1997)Yoshiura, K.I., et al. Genomics 45(2):425-428(1997)Tribioli, C., et al. Mech. Dev. 65 (1-2), 145-162 (1997) :