

**PKNOX2 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18419c**

**Specification**

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**PKNOX2 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q96KN3](#)

**PKNOX2 Antibody (Center) Blocking Peptide - Additional Information**

**Other Names**

Homeobox protein PKNOX2, Homeobox protein PREP-2, PBX/knotted homeobox 2, PKNOX2, PREP2

**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.

**PKNOX2 Antibody (Center) Blocking Peptide - Protein Information**

**Name** PKNOX2

**Synonyms** PREP2

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:11549286}

**PKNOX2 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**PKNOX2 Antibody (Center) Blocking Peptide - Images**

**PKNOX2 Antibody (Center) Blocking Peptide - Background**

Homeodomain proteins are sequence-specific transcription factors that share a highly conserved DNA-binding domain and play fundamental roles in cell proliferation, differentiation, and death. PKNOX2 belongs to the TALE (3-amino acid loop extension) class of homeodomain proteins characterized by a 3-amino acid extension between alpha helices 1 and 2 within the homeodomain (Imoto et al., 2001 [PubMed 11549286]).

**PKNOX2 Antibody (Center) Blocking Peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Chen, X., et al. Proc. Natl. Acad. Sci. U.S.A. (2009) In press :Haller, K., et al. J. Biol. Chem. 279(47):49384-49394(2004)