

PROK2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16572a**Specification****PROK2 Antibody (N-term) Blocking Peptide -
Product Information**Primary Accession [Q9HC23](#)**PROK2 Antibody (N-term) Blocking Peptide -
Additional Information**

Gene ID 60675

Other NamesProkineticin-2, PK2, Protein Bv8 homolog,
PROK2, BV8**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.**PROK2 Antibody (N-term) Blocking Peptide -
Protein Information**

Name PROK2

Synonyms BV8

FunctionMay function as an output molecule from
the suprachiasmatic nucleus (SCN) that
transmits behavioral circadian rhythm. May
also function locally within the SCN to
synchronize output. Potently contracts
gastrointestinal (GI) smooth muscle.**Cellular Location****PROK2 Antibody (N-term) Blocking
Peptide - Background**

This gene encodes a protein expressed in the suprachiasmatic nucleus (SCN) circadian clock that may function as the output component of the circadian clock. The secreted form of the encoded protein may also serve as a chemoattractant for neuronal precursor cells in the olfactory bulb. Proteins from other vertebrates which are similar to this gene product were isolated based on homology to snake venom and secretions from frog skin, and have been shown to have diverse functions. Mutations in this gene are associated with Kallmann syndrome 4. Multiple transcript variants encoding different isoforms have been found for this gene.

**PROK2 Antibody (N-term) Blocking
Peptide - References**

Catalano, R.D., et al. Mol. Hum. Reprod. 16(5):311-319(2010)
Sarfati, J., et al. J. Clin. Endocrinol. Metab. 95(2):659-669(2010)
Zhong, C., et al. Clin. Cancer Res. 15(8):2675-2684(2009)
Canto, P., et al. J. Androl. 30(1):41-45(2009)
Abreu, A.P., et al. J. Clin. Endocrinol. Metab. 93(10):4113-4118(2008)

Secreted.

Tissue Location

Expressed in the testis and, at low levels, in the small intestine

PROK2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)