

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 Names

Prokineticin-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

Function

May 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

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](#)

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