

# TAC3 Antibody (Center) Blocking Peptide

Synthetic peptide Catalog # BP14366c

## **Specification**

## TAC3 Antibody (Center) Blocking Peptide - Product Information

**Primary Accession** 

**Q9UHF0** 

# TAC3 Antibody (Center) Blocking Peptide - Additional Information

**Gene ID 6866** 

#### **Other Names**

Tachykinin-3, ZNEUROK1, Neurokinin-B, NKB, Neuromedin-K, TAC3, NKNB

#### **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.

# TAC3 Antibody (Center) Blocking Peptide - Protein Information

Name TAC3

**Synonyms NKNB** 

#### **Function**

Tachykinins are active peptides which excite neurons, evoke behavioral responses, are potent vasodilators and secretagogues, and contract (directly or indirectly) many smooth muscles (By similarity). Is a critical central regulator of gonadal function.

# **Cellular Location**

Secreted.

# TAC3 Antibody (Center) Blocking Peptide - Protocols

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

• Blocking Peptides

# TAC3 Antibody (Center) Blocking Peptide - Images



## TAC3 Antibody (Center) Blocking Peptide - Background

This gene encodes a member of the tachykinin family of secreted neuropeptides. The encoded protein is primarily expressed in the central and peripheral nervous system and functions as aneurotransmitter. This protein is the ligand for the neurokinin-3receptor. This protein is also expressed in the outersyncytiotrophoblast of the placenta and may be associated with pregnancy-induced hypertension and pre-eclampsia. Mutations in thisgene are associated with normosmic hypogonadotropic hypogonadism. Alternate splicing results in multiple transcript variants.

## TAC3 Antibody (Center) Blocking Peptide - References

Klassert, T.E., et al. J. Neuroimmunol. 227 (1-2), 202-207 (2010) :Hrabovszky, E., et al. Eur. J. Neurosci. 31(11):1984-1998(2010)Gianetti, E., et al. J. Clin. Endocrinol. Metab. 95(6):2857-2867(2010)Young, J., et al. J. Clin. Endocrinol. Metab. 95(5):2287-2295(2010)Semple, R.K., et al. Front Horm Res 39, 133-141 (2010) :