



## VCX2 Antibody (N-term) Blocking peptide

Synthetic peptide Catalog # BP12713a

#### **Specification**

VCX2 Antibody (N-term) Blocking peptide - Product Information

Primary Accession <u>Q9H322</u>

VCX2 Antibody (N-term) Blocking peptide - Additional Information

**Gene ID** 51480

#### **Other Names**

Variable charge X-linked protein 2, Variable charge protein on X with two repeats, VCX-2r, Variably charged protein X-B, VCX-B, VCX2, VCX2R, VCXB

#### **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.

VCX2 Antibody (N-term) Blocking peptide - Protein Information

Name VCX2

Synonyms VCX2R, VCXB

#### **Function**

May mediate a process in spermatogenesis or may play a role in sex ratio distortion.

### **Tissue Location**

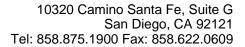
Expressed exclusively in testis.

# VCX2 Antibody (N-term) Blocking peptide - Background

This gene belongs to the VCX/Y gene family, which hasmultiple members on both X and Y chromosomes, and all are expressed exclusively in male germ cells. The X-linked members are clusteredon chromosome Xp22 and Y-linked members are two identical copies of the gene within a palindromic region on Yg11. The family membersshare a high degree of sequence identity, with the exception that a30-bp unit is tandemly repeated in X-linked members but occurs onlyonce in Y-linked members. The VCX gene cluster is polymorphic interms of copy number; different individuals may have a differentnumber of VCX genes. VCX/Y genes encode small and highly chargedproteins of unknown function. The presence of a putative bipartitenuclear localization signal suggests that VCX/Y members are nuclearproteins. This gene contains 2 repeats of the 30-bp unit. [providedby RefSeq].

## VCX2 Antibody (N-term) Blocking peptide - References

Need, A.C., et al. Hum. Mol. Genet. 18(23):4650-4661(2009)Suzuki, Y., et al. Genome Res. 11(5):677-684(2001)Fukami, M., et al. Am. J. Hum. Genet. 67(3):563-573(2000)Lahn, B.T., et al. Hum. Mol. Genet. 9(2):311-319(2000)





VCX2 Antibody (N-term) Blocking peptide - Protocols

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

• Blocking Peptides