

VCX2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12713a**Specification**

VCX2 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q9H322](#)**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 - Protocols

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

- [Blocking Peptides](#)

VCX2 Antibody (N-term) Blocking peptide - Images**VCX2 Antibody (N-term) Blocking peptide - Background**

This gene belongs to the VCX/Y gene family, which has multiple members on both X and Y chromosomes, and all are expressed exclusively in male germ cells. The X-linked members are clustered on chromosome Xp22 and Y-linked members are two identical copies of the gene within a palindromic region on Yq11. The family members share a high degree of sequence identity, with the exception that a 30-bp unit is tandemly repeated in X-linked members but occurs only once in Y-linked members. The VCX gene cluster is polymorphic in terms of copy number; different individuals may have a different number of VCX genes. VCX/Y genes encode small and highly charged proteins of unknown function. The presence of a putative bipartite nuclear localization signal suggests that VCX/Y members are nuclear proteins. This gene contains 2 repeats of the 30-bp unit. [provided by 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)