10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

VCX3A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18684a

Product Information

Application	WB, E
Primary Accession	Q9NNX9
Other Accession	Q9H322, Q9H320, NP_057463.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38633
Calculated MW	20020
Antigen Region	1-30

Additional Information

Gene ID	51481
Other Names	Variable charge X-linked protein 3, Variable charge protein on X with eight repeats, VCX-8r, Variably charged protein X-A, VCX-A, VCX3A, VCX3, VCX8R, VCXA
Target/Specificity	This VCX3A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human VCX3A.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	VCX3A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	VCX3A
Synonyms	VCX3, VCX8R, VCXA

Function	May mediate a process in spermatogenesis or may play a role in sex ratio distortion.
Tissue Location	Expressed exclusively in testis.

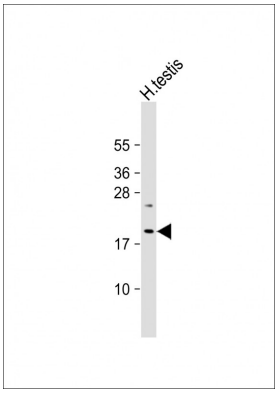
Background

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 8 repeats of the 30-bp unit. [provided by RefSeq].

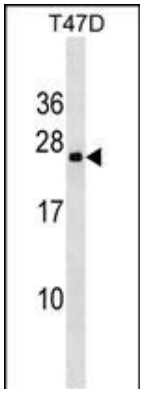
References

Jiao, X., et al. J. Neurosci. 29(40):12419-12427(2009)
Cuevas-Covarrubias, S.A., et al. Br. J. Dermatol. 158(3):483-486(2008)
Jiao, X., et al. Mol. Cell 24(5):713-722(2006)
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)

Images



Anti-VCX3A Antibody (N-term) at 1:1000 dilution + human testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 20 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



VCX3A Antibody (N-term) (Cat. #AP18684a) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the VCX3A antibody detected the VCX3A protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.