

Rabbit anti-Human VCX1 Polyclonal Antibody | anti-VCX antibody

VCX1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289118	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

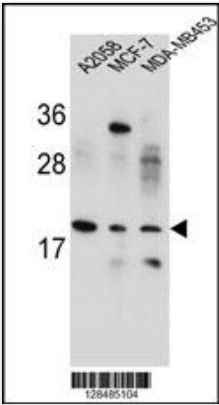
PRODUCT SYNONYMS

VCX1; Polyclonal Antibody; VCX1 Antibody (N-term); Variable charge X-linked protein 1; Variable charge protein on X with ten repeats; VCX-10r; Variably charged protein X-B1; VCX-B1; VCX; VCX10R; VCXB1; anti-VCX antibody

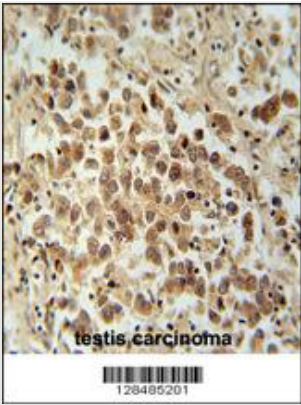
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This VCX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human VCX1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	206
Applicable Applications for anti-VCX antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
VCX1/VCX2/VCX3 Antibody (N-term) western blot analysis in A2058,MCF-7,MDA-MB453 cell line lysates (35ug/lane).This demonstrates the VCX1/VCX2/VCX3 antibody detected the VCX1/VCX2/VCX3 protein (arrow).



IHC (Immunohistochemistry)
VCX1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the VCX1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-VCX antibody	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 10 repeats of the 30-bp unit.
References	Hansen, M.A., et al. Mol. Reprod. Dev. 75(2):219-229(2008) Sy, S.M., et al. Lung Cancer 41(1):91-99(2003) Zou, S.W., et al. Cell Res. 13(3):171-177(2003) 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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	66932943
NCBI GeneID	26609
NCBI Accession #	NP_038480.2
NCBI GenBank Nucleotide #	NM_013452.2
UniProt Accession #	Q9H320; Q4V774; Q9P0H3; A0JNS5
Molecular Weight	22289
NCBI Official Full Name	variable charge X-linked protein 1
NCBI Official Synonym Full Names	variable charge, X-linked
NCBI Official Symbol	VCX
NCBI Official Synonym Symbols	VCX1; VCXB1; VCX-B1; VCX10R; VCX-10r

NCBI Protein Information	variable charge X-linked protein 1
UniProt Protein Name	Variable charge X-linked protein 1
UniProt Gene Name	VCX
UniProt Synonym Gene Names	VCX1; VCX10R; VCXB1; VCX-10r; VCX-B1
UniProt Entry Name	VCX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/vcx1-antibody-western-blot-immunohistochemistry-elisa/289118>