

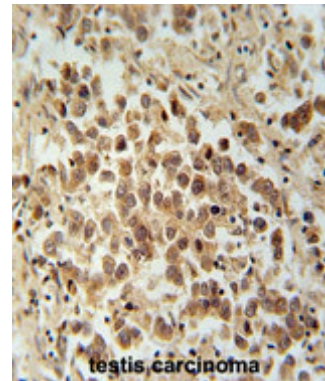
AP54502PU-N**Polyclonal Antibody to VCX1 (N-term) - Aff - Purified**

Alternate names:	OR, VCX, VCXB1, Variable charge X-linked protein 1
Quantity:	0.4 ml
Concentration:	lot specific
Background:	<p>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.</p>
Uniprot ID:	Q9H320
NCBI:	NP_038480
GeneID:	26609
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human VCX1
Format:	State: Liquid Ig fraction Purification: Protein A column followed by peptide affinity purification Buffer System: PBS with 0.09% (W/V) sodium azide
Applications:	ELISA: 1:1;000. Western blot: 1:100~500. Immunohistochemistry on paraffin sections: 1:50~100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects VCX1 (N-term).
Species Reactivity:	Tested: Human
Add. Information:	Molecular Weight: 22289 Da
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Hansen, M.A., et al. Mol. Reprod. Dev. 75(2):219-229(2008). 2. Sy, S.M., et al. Lung Cancer 41(1):91-99(2003). 3. Zou, S.W., et al. Cell Res. 13(3):171-177(2003). 4. Fukami, M., et al. Am. J. Hum. Genet. 67(3):563-573(2000).

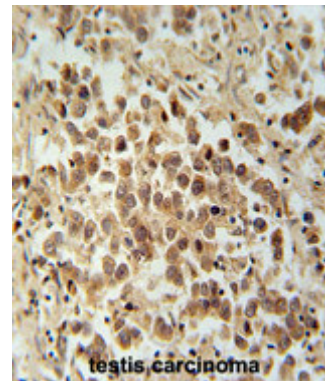
5. Lahn, B.T., et al. Hum. Mol. Genet. 9(2):311-319(2000).

Pictures:

VCX1 Antibody (N-term) (AP54502PU-N) 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.



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VCX1 Antibody (N-term) (AP54502PU-N) western blot analysis in A2058 cell line lysates (35 µg/lane). This demonstrates the VCX1 antibody detected the VCX1 protein (arrow).

