

Datasheet for ABIN654781
anti-VCX antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	VCX
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VCX antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB28485
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	VCX
Alternative Name:	VCX1 (VCX Products)
Background:	This gene belongs to the VCX/Y gene family, which has multiple members on both X and Y

Target Details

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.

Molecular Weight:	22289
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Gene ID:	26609
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NCBI Accession:	NP_038480
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UniProt:	Q9H320
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Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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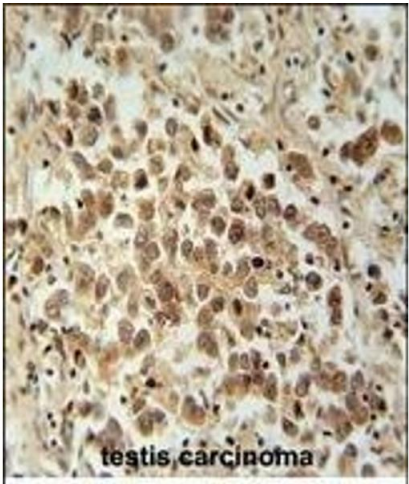
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C, -20 °C
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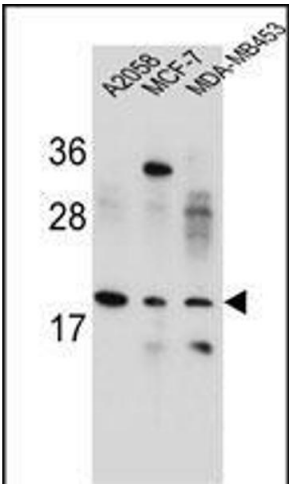
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
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Expiry Date:	6 months
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. VCX1 Antibody (N-term) (ABIN654781 and ABIN2844462) 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.



Western Blotting

Image 2. VCX1/VCX2/VCX3 Antibody (N-term) (ABIN654781 and ABIN2844462) western blot analysis in ,MCF-7,MDA-M cell line lysates (35 µg/lane).This demonstrates the VCX1/VCX2/VCX3 antibody detected the VCX1/VCX2/VCX3 protein (arrow).