



Anti-VCX3A (aa 2-100) polyclonal antibody (DPAB-DC2182)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	VCX3A (NP_057463, 2 a.a. ~ 100 a.a) partial recombinant protein with GST tag. The sequence is SPKPRASGPPAKATEAGKRKSSSQPSPSDPKKTTKVAKKGKAVRRGRRGKKGAATKMAA VTAPEAESGPAAPGPSDQPSQELPQHELPPEEPVSEGTQ
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	VCX3A variable charge, X-linked 3A [Homo sapiens (human)]
Official Symbol	VCX3A
Synonyms	VCX3A; variable charge, X-linked 3A; VCX3; VCXA; VCX-A; VCX8R; VCX-8r; variable charge X-linked protein 3; variably charged X-A; variably charged protein X-A; variable charge protein on X with eight repeats;
Entrez Gene ID	51481
Protein Refseq	NP_057463
UniProt ID	Q9NNX9
Chromosome Location	Xp22
