

## Product datasheet for **TA331914**

### VCX3A Rabbit Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Recommended Dilution:   | WB  |
| Reactivity:             | Human   |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | The immunogen for Anti-VCX3A Antibody is: synthetic peptide directed towards the N-terminal region of Human VCX3A. Synthetic peptide located within the following region: KKGKAVRRGRRGKKGAAATKMAAVTAPEAESGPAAPGPSDQPSQELPQHEL |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.   |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 20 kDa  |
| Gene Name:              | variable charge, X-linked 3A  |
| Database Link:          | <a href="#">NP_057463</a><br><a href="#">Entrez Gene 51481 Human</a><br><a href="#">Q9NNX9</a>  |



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**Background:**

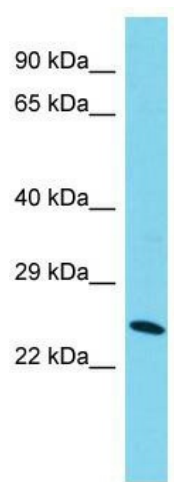
This gene belongs to the VCX/Y gene family, which has multiple members on both X and Y chromosomes, and all are expressed exclusively in male germ cells. The X-linked members are clustered on chromosome Xp22 and Y-linked members are two identical copies of the gene within a palindromic region on Yq11. 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.

**Synonyms:**

VCX-8r; VCX-A; VCX3; VCX8R; VCXA

**Note:**

Immunogen sequence homology: Horse: 100%; Human: 100%

**Product images:**

Host: Rabbit; Target Name: VCX3A; Sample Tissue: 721\_B Whole Cell lysates; Antibody Dilution: 1.0ug/ml