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Polyclonal Antibody to VCX2 (N-term) - Aff - Purified

| | |
|----------------------------|---|
| Alternate names: | R, VCXB, Variable charge X-linked protein 2 |
| Catalog No.: | AP54503PU-N |
| Quantity: | 0.4 ml |
| Concentration: | lot specific |
| 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 2 repeats of the 30-bp unit. [provided by RefSeq]. |
| Uniprot ID: | Q9H322 |
| NCBI: | NP_057462 |
| GenelID: | 51480 |
| Host / Isotype: | Rabbit / Ig |
| Immunogen: | KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human VCX2 |
| 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: 1:10~50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This antibody detects VCX2 (N-term). |
| Species Reactivity: | Tested: Human |
| Add. Information: | Molecular Weight: 14661 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. |

For research and in vitro use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com

OG/20130805



- General Readings:**
1. Need, A.C., et al. Hum. Mol. Genet. 18(23):4650-4661(2009).
 2. Suzuki, Y., et al. Genome Res. 11(5):677-684(2001).
 3. Fukami, M., et al. Am. J. Hum. Genet. 67(3):563-573(2000).
 4. Lahn, B.T., et al. Hum. Mol. Genet. 9(2):311-319(2000).

Pictures: VCX2 Antibody (N-term) (AP54503PU-N)
western blot analysis in MDA-MB435 cell
line lysates (35 µg/lane). This
demonstrates the VCX2 antibody
detected the VCX2 protein (arrow).

