

## Product datasheet for **TA331779**

### PRDM16 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-PRDM16 Antibody: synthetic peptide directed towards the middle region of human PRDM16. Synthetic peptide located within the following region: LNHTQDAKLPSPLGNPALPLVSAVSNSSQGTTAAAGPEEKFESRLEDSVCV
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:	140 kDa
Gene Name:	PR domain 16
Database Link:	<a href="#">NP_071397</a> <a href="#">Entrez Gene 63976 Human</a> <a href="#">Q9HAZ2</a>
Background:	The reciprocal translocation t(1;3)(p36;q21) occurs in a subset of myelodysplastic syndrome (MDS) and acute myeloid leukemia (AML). This gene is located near the 1p36.3 breakpoint and has been shown to be specifically expressed in the t(1;3)(p36,q21)-positive MDS/AML. The protein encoded by this gene is a zinc finger transcription factor and contains an N-terminal PR domain. The translocation results in the overexpression of a truncated version of this protein that lacks the PR domain, which may play an important role in the pathogenesis of MDS and AML. Alternatively spliced transcript variants encoding distinct isoforms have been reported.

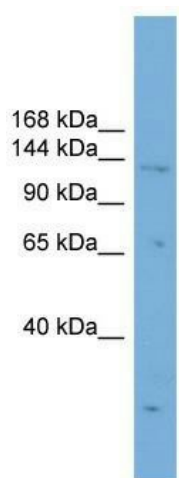


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**Synonyms:** CMD1LL; LVNC8; MEL1; PFM13

**Note:** Immunogen sequence homology: Human: 100%; Pig: 92%; Bovine: 92%; Rat: 86%; Guinea pig: 86%; Horse: 85%; Mouse: 79%; Dog: 77%

**Product images:**



WB Suggested Anti-PRDM16 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive  
Control: HepG2 cell lysate