

Product datasheet for **TA345335**

PRDM12 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-PRDM12 antibody: synthetic peptide directed towards the C terminal of human PRDM12. Synthetic peptide located within the following region: NHVRLHTGERPYKCQVCQSAYSQLAGLRAHQKSARHRPPSTALQAHPAL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40 kDa
Gene Name:	PR domain 12
Database Link:	NP_067632 Entrez Gene 59335 Human Q9H4Q4



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Background:

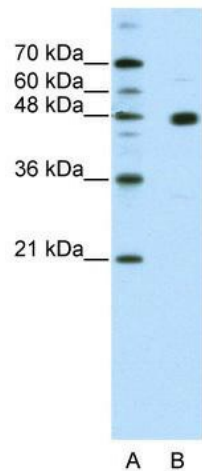
PRDM12 belongs to PR-domain family which are involved in human cancers in an unusual yin-yang fashion. Two products are normally produced from a PR-domain family member which differ by the presence or absence of the PR domain; the PR-plus product is disrupted or underexpressed whereas the PR-minus product is present or overexpressed in cancer cells. This imbalance in the amount of the two products, a result of either genetic or epigenetic events, appears to be an important cause of malignancy. PRDM12 may have a potential role in the pathogenesis of chronic myeloid leukaemia with derivative chromosome 9 deletion.

Synonyms:

HSAN8; PFM9

Note:

Immunogen Sequence Homology: Rat: 100%; Human: 100%; Mouse: 100%; Zebrafish: 100%; Dog: 93%; Pig: 93%; Bovine: 93%

Product images:

WB Suggested Anti-PRDM12 Antibody Titration:
2.5 ug/ml; ELISA Titer: 1: 62500; Positive Control:
HepG2 cell lysate