

## Product datasheet for **TA345674**

### PRMT3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	10k-ChIP, WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PRMT3 antibody: synthetic peptide directed towards the middle region of human PRMT3. Synthetic peptide located within the following region: LEFSSDFTLKITRTSMCTAIAGYFDIYFEKNCHNRVVFSTGPQSTKTHWK
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:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60 kDa
Gene Name:	protein arginine methyltransferase 3
Database Link:	<a href="#">NP_005779</a> <a href="#">Entrez Gene 10196 Human</a> <a href="#">O60678</a>



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**Background:**

Type I protein arginine N-methyltransferases (PRMTs), such as PRMT3, catalyze the formation of asymmetric N(G),N(G)-dimethylarginine (ADMA) residues in proteins. Type I protein arginine N-methyltransferases (PRMTs), such as PRMT3, catalyze the formation of asymmetric N(G),N(G)-dimethylarginine (ADMA) residues in proteins (Tang et al., 1998 [PubMed 9642256]). [supplied by OMIM]. Sequence Note: removed 2 bases from the 5' end that did not align to the reference genome assembly. PRIMARYREFSEQ\_SPAN PRIMARY\_IDENTIFIER PRIMARY\_SPAN COMP 1-2630 BC064831.1 3-2632

**Synonyms:**

HRMT1L3

**Note:**

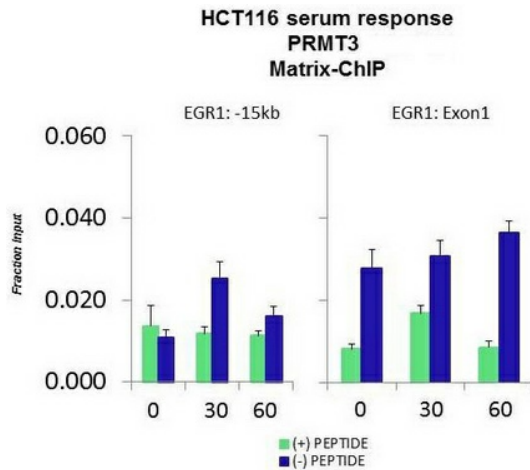
Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%; Bovine: 86%; Rabbit: 86%; Dog: 85%

**Protein Families:**

Druggable Genome

**Product images:**


WB Suggested Anti-PRMT3 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: Human Muscle



Quiescent human colon carcinoma HCT116 cultures were treated with 10% FBS for three time points (0, 15, 30min) or (0, 30, 60min) were used in Matrix-ChIP and real-time PCR assays at EGR1 gene (Exon1) and 15kb upstream site.