

## Product datasheet for **TA324052**

### PRMT7 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1000-2000, WB: 1:200-1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 526-692 amino acids of human protein arginine methyltransferase 7
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	78 kDa
Gene Name:	protein arginine methyltransferase 7
Database Link:	<a href="#">NP_001171753</a> <a href="#">Entrez Gene 214572 MouseEntrez Gene 361402 RatEntrez Gene 54496 Human Q9NVM4</a>

**Background:** Protein arginine methyltransferase 7 is a protein that in humans is encoded by the PRMT7 gene. Arginine methylation is an apparently irreversible protein modification catalyzed by arginine methyltransferases; such as PMT7; using S-adenosylmethionine (AdoMet) as the methyl donor. Arginine methylation is implicated in signal transduction; RNA transport; and RNA splicing. May be involved in etoposide-induced cytotoxicity; a chemotherapeutic agent frequently used for testicular cancer and small-cell lung cancer that can cause cytotoxicity in the treatment of other cancers. Down-regulation confers increased sensitivity to the Top1 inhibitor camptothecin (CPT).

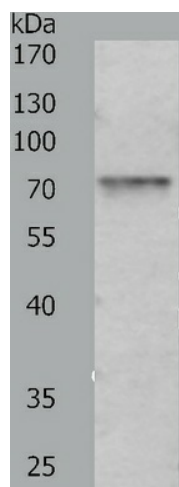


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Synonyms: FLJ10640; KIAA1933

Protein Families: Druggable Genome

### Product images:



Predicted band size: 78 kDa. Positive control: 231 cell lysate. Recommended dilution: 1/200-1000. (Gel: 10%SDS-PAGE Lysate: 50 ug per lane Primary antibody: 1/400 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 40 seconds)