OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA324051S

PRMT7 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human liver cancer tissue
Reactivity:	Human
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% NaN3, 50% glycerol
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:	NP_001171753 Entrez Gene 54496 Human Q9NVM4
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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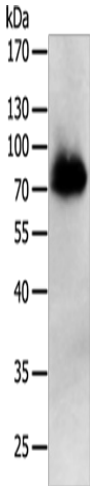
Synonyms: FLJ10640; KIAA1933

Protein Families: Druggable Genome

Product images:



Gel: 10%SDS-PAGE
Lysate: 50 µg
Lane: Human liver cancer tissue
Primary antibody: [TA324051] (PRMT7 Antibody) at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 minutes