

PRMT7 Polyclonal Antibody

catalog number: E-AB-10554

Note: Centrifuge before opening to ensure complete recovery of vial contents.

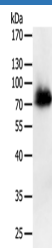
Description

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|---------------------|--|
| Reactivity | Human |
| Immunogen | Recombinant protein of human PRMT7 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

Applications Recommended Dilution

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| WB | 1:500-1:2000 |
|-----------|--------------|

Data



Western Blot analysis of Human liver cancer tissue using
PRMT7 Polyclonal Antibody at dilution of 1:500

Calculated-MW:78 kDa

Preparation & Storage

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|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

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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