

Phospho-PRMT4/CARM1-S228 Rabbit pAb

Catalog No.: AP0319

Basic Information

Observed MW

63kDa

Calculated MW

66kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

This gene belongs to the protein arginine methyltransferase (PRMT) family. The encoded enzyme catalyzes the methylation of guanidino nitrogens of arginyl residues of proteins. The enzyme acts specifically on histones and other chromatin-associated proteins and is involved in regulation of gene expression. The enzyme may act in association with other proteins or within multi-protein complexes and may play a role in cell type-specific functions and cell lineage specification. A related pseudogene is located on chromosome 9.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

10498

Swiss Prot

Q86X55

Immunogen

A synthetic phosphorylated peptide around S228 of human PRMT4/CARM1 (NP_954592.1).

Synonyms

PRMT4; Phospho-PRMT4/CARM1-S228

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

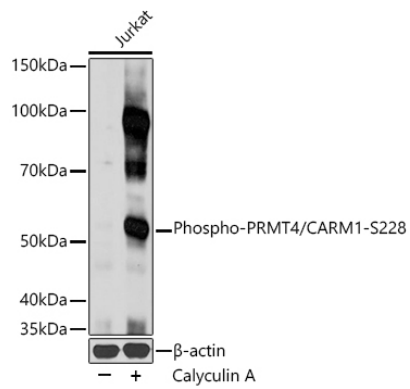
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from Jurkat cells, using Phospho-PRMT4/CARM1-S228 Rabbit pAb (AP0319) at 1:1000 dilution. Jurkat cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.