

AP0319

Leader in Biomolecular Solutions for Life Science



# Phospho-PRMT4/CARM1-S228 Rabbit pAb

Catalog No.: AP0319

## Basic Information

### Observed MW

63kDa

### Calculated MW

66kDa

### Category

Polyclonal Antibody

### Applications

WB,ELISA

### 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



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

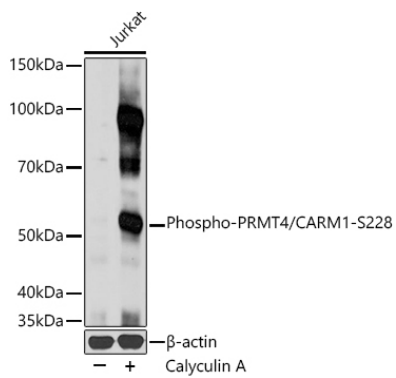
Affinity purification

### 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 Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.