

M30131

CARM1 Antibody

- 50ul
- 100 uL



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Description:

Methylates (mono- and asymmetric dimethylation) the guanidino nitrogens of arginyl residues in several proteins involved in DNA packaging, transcription regulation, pre-mRNA splicing, and mRNA stability. Recruited to promoters upon gene activation together with histone acetyltransferases from EP300/P300 and p160 families, methylates histone H3 at 'Arg-17' (H3R17me), forming mainly asymmetric dimethylarginine (H3R17me₂), leading to activate transcription via chromatin remodeling.

Uniprot:Q86X55

Alternative Names:

carm1; CARM1_HUMAN; Coactivator associated arginine methyltransferase 1; Coactivator-associated arginine methyltransferase 1; Histone arginine methyltransferase CARM 1; Histone arginine methyltransferase CARM1; Histone-arginine methyltransferase CARM1; PRMT 4; PRMT4; Protein arginine methyltransferase; Protein arginine N methyltransferase 4; Protein arginine N-methyltransferase 4;

Reactivity:Human, Mouse, Rat

Source:Mouse

Mol Weight:67KD

Storage Condition: Store at -20 °C. Stable for 12 months from date of receipt.

Application:

WB 1:500-1:2000, IHC 1:50-1:200; IP 1:50-1:100