

Product Datasheet

PRMT4/CARM1 Mouse mAb



Catalog No: AB3112

Reactivity: Human, Mouse

Isotype: Mouse IgG1

Applications: WB, IP

www.abways.com

Information

UniProt ID: Q86X55

All Names: Histone arginine methyltransferase CARM 1; Histone arginine methyltransferase CARM1; PRMT4; Protein arginine N methyltransferase 4;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 63KDa

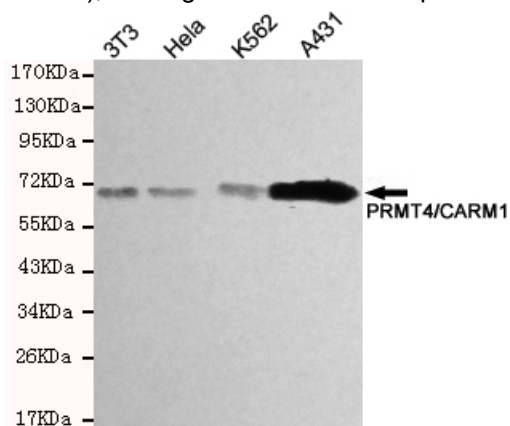
Application

WB 1:200-500

IP

Background

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.



Western blot detection of PRMT4/CARM1 in HeLa, A431 and K562 cell lysates using PRMT4/CARM1 mouse mAb (1:200-1:500 diluted). Predicted band size: 63KDa. Observed band size: 63KDa.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com