

Rabbit CARM1 Polyclonal Antibody | anti-CARM1 antibody

CARM1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40589	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

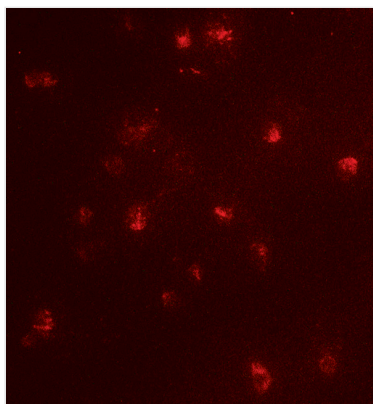
PRODUCT SYNONYMS

CARM1; Polyclonal Antibody; CARM1 Antibody; PRMT4; Histone-arginine methyltransferase CARM1; Coactivator-associated arginine methyltransferase 1; coactivator-associated arginine methyltransferase 1; anti-CARM1 antibody

PRODUCT SPECIFICATIONS

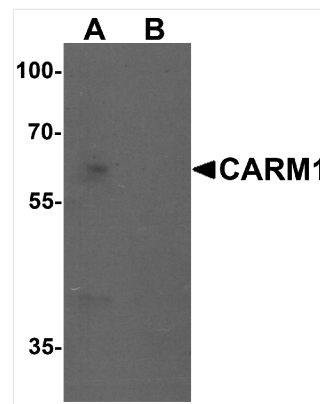
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	CARM1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	608
Applicable Applications for anti-CARM1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit polyclonal CARM1 antibody was raised against a 19 amino acid peptide near the amino terminus of human CARM1.
Buffer	CARM1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CARM1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of CARM1 in Jurkat cells with CARM1 antibody at 5 μg/mL.



WB (Western Blot)

Western blot analysis of CARM1 in Jurkat cell lysate with CARM1 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CARM1 antibody	CARM1 Antibody: Protein arginine N-methyltransferases, such as CARM1, catalyze the transfer of a methyl group from S-adenosyl-L-methionine to the side chain nitrogens of arginine residues within proteins to form methylated arginine derivatives and S-adenosyl-L-homocysteine. Protein arginine methylation has been implicated in signal transduction, metabolism of nascent pre-RNA, and transcriptional activation. CARM1 functions as a transcriptional co-activator for various nuclear receptors and NF- κ B. It has also been shown to methylate histone H3 arginines, inhibiting the binding of corepressors and protecting chromatin from deacetylation, thereby facilitating transcription.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40288288
NCBI GeneID	10498
NCBI Accession #	NP_954592
NCBI GenBank Nucleotide #	NM_199141.1
UniProt Accession #	Q86X55; A6NN38
Molecular Weight	Predicted: 67 kDa
NCBI Official Full Name	histone-arginine methyltransferase CARM1
NCBI Official Synonym Full Names	coactivator-associated arginine methyltransferase 1
NCBI Official Symbol	CARM1
NCBI Official Synonym Symbols	PRMT4
NCBI Protein Information	histone-arginine methyltransferase CARM1; protein arginine N-methyltransferase 4
UniProt Protein Name	Histone-arginine methyltransferase CARM1
UniProt Gene Name	CARM1
UniProt Synonym Gene Names	PRMT4
UniProt Entry Name	CARM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/carm1-antibody-immunofluorescence-western-blot-elisa/40589>