CARM1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CARM1, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) CARM1 Polyclonal Antibody
Product Gene Name	anti-CARM1 antibody
Product Synonym Names	CARM1 Antibody; Probable histone-arginine methyltransferase CARM1; EC 2.1.1.319; Protein arginine N-methyltransferase 4; CARM1 PRMT4 Os07g0671700 LOC_Os07g47500 OsJ_25531 P0470D12.124
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Oryza sativa subsp. japonica (Rice)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	58,580 Da
3D Structure	ModBase 3D Structure for Q7XI75
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) CARM1 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CARM1 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-CARM1 antibody	MBS7199528 is an antibody targeting CARM1. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) CARM1 Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-CARM1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CARM1. It may not necessarily be applicable to this product.

NCBI GI #	1002286777
NCBI GeneID	4344248
NCBI Accession #	XP_015647687.1
UniProt Primary Accession #	Q7XI75
UniProt Secondary Accession #	A3BNA6; B7EBL4

UniProt Related Accession #	Q7XI75
GenBank Nucleotide #	XM_015792201.1
NCBI Official Full Name	probable histone-arginine methyltransferase CARM1 isoform X2
NCBI Official Symbol	LOC4344248
NCBI Official Synonym Symbols	CARM1; PRMT4; OsJ_25531
UniProt Protein Name	Probable histone-arginine methyltransferase CARM1
UniProt Synonym Protein Names	Protein arginine N-methyltransferase 4
Protein Family	Histone-arginine methyltransferase
UniProt Gene Name	CARM1
UniProt Synonym Gene Names	PRMT4
NCBI Protein Information	probable histone-arginine methyltransferase CARM1
UniProt Comments for CARM1	Methylates (mono- and asymmetric dimethylation) the guanidino nitrogens of arginyl residues in several proteins involved in DNA packaging, transcription regulation, and mRNA stability. Recruited to promoters upon gene activation, methylates histone H3 and activates transcription via chromatin remodeling.
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