antibodies

Datasheet for ABIN1538336 anti-CARM1 antibody (AA 347-375)

1 Image



Overview

Quantity:	400 µL
Target:	CARM1
Binding Specificity:	AA 347-375
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CARM1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CARM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 347-375 amino acids from the Central region of human CARM1.
Clone:	RB36669
lsotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CARM1
Alternative Name:	CARM1 (CARM1 Products)

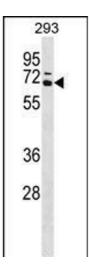
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Target Details	
Background:	Protein arginine N-methyltransferases, such as CARM1, catalyze the transfer of a methyl group from S-adenosyl-L-methionine to the side chain nitrogens of arginine residues within proteins to form methylated arginine derivatives and S-adenosyl-L-homocysteine. Protein arginine methylation has been implicated in signal transduction, metabolism of nascent pre-RNA, and transcriptional activation (Frankel et al., 2002 [PubMed 11724789]).
Molecular Weight:	65854
Gene ID:	10498
NCBI Accession:	NP_954592
UniProt:	Q86X55
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Regulation of Lipid Metabolism by PPARalpha, Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development, Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	CARM1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months

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Western Blotting

Image 1. CARM1 Antibody (Center) (ABIN1538336 and ABIN2848634) western blot analysis in 293 cell line lysates (35 µg/lane).This demonstrates the CARM1 antibody detected the CARM1 protein (arrow).

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