antibodies.com

Datasheet for ABIN951046 anti-CARM1 antibody (Middle Region)

2 Images



Overview

Quantity:	0.4 mL
Target:	CARM1
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CARM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the Central region of human PRMT4
Isotype:	Ig Fraction
Specificity:	This antibody reacts to PRMT4.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A
Target Details	

Target:	CARM1
Alternative Name:	CARM1 / PRMT4 (CARM1 Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN951046 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

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]).Synonyms: Coactivator-
	associated arginine methyltransferase 1, Histone-arginine methyltransferase CARM1, Protein
	arginine N-methyltransferase 4
Molecular Weight:	65854 Da
Gene ID:	10498
NCBI Accession:	NP_954592
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:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN951046 | 09/12/2023 | Copyright antibodies-online. All rights reserved.







Immunohistochemistry (Paraffin-embedded Sections)

Image 1. PRMT4 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PRMT4 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. PRMT4 Antibody(Center) western blot analysis in Jurkat cell line lysates (35µg/lane).This demonstrates the PRMT4 antibody detected the PRMT4 protein (arrow).

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN951046 | 09/12/2023 | Copyright antibodies-online. All rights reserved.