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Datasheet for ABIN387844 anti-PRMT6 antibody (N-Term)

Image



Overview

Quantity:	400 µL
Target:	PRMT6
Binding Specificity:	AA 19-48, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRMT6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PRMT6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 19-48 amino acids from the N-terminal region of human PRMT6.
Clone:	RB7367
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PRMT6
Alternative Name:	PRMT6 (PRMT6 Products)
Background:	Arginine methylation is an irreversible post translational modification which has only recently

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Target Details

been linked to protein activity. At least three types of PRMT enzymes have been identified in
mammalian cells. These enzymes have been shown to have essential regulatory functions by
methylation of key proteins in several fundamental areas. These protein include nuclear
proteins, IL enhancer binding factor, nuclear factors, cell cycle proteins, signal transduction
proteins, apoptosis proteins, and viral proteins. The mammalian PRMT family currently consists
of 7 members that share two large domains of homology. Outside of these domains, epitopes
were identified and antibodies against all 7 PRMT members have been developed.

Molecular Weight:	41938
Gene ID:	55170
NCBI Accession:	NP_060607
UniProt:	Q96LA8

Application Details

Application Notes:	WB: 1:2000
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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Western Blotting

Image 1. All lanes : Anti-PRMT6 (N-term) at 1:2000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: LNCaP whole cell lysate Lane 3: MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 42 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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