

Datasheet for ABIN387834
anti-PRMT1 antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	PRMT1
Binding Specificity:	AA 317-346, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRMT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PRMT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 317-346 amino acids from the C-terminal region of human PRMT1.
Clone:	RB15344
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	PRMT1
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Target Details

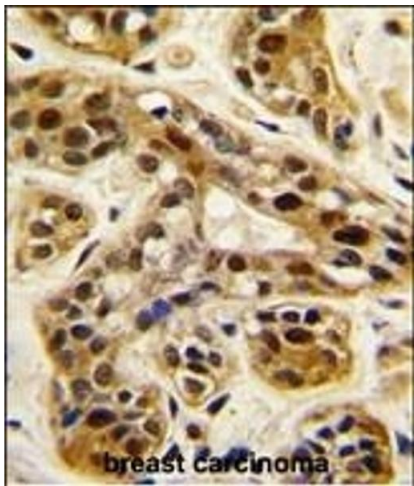
Alternative Name:	PRMT1 (PRMT1 Products)
Background:	Arginine methylation is an irreversible post translational modification which has only recently been linked to protein activity. At least three types of PRMT enzymes have been identified in mammalian cells. These enzymes have been shown to have essential 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.
Molecular Weight:	42462
Gene ID:	3276
NCBI Accession:	NP_001527 , NP_938074
UniProt:	Q99873

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

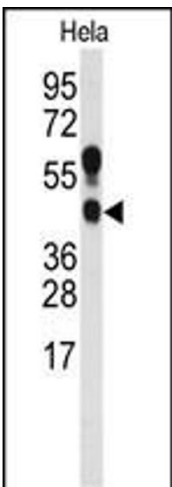
Handling

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



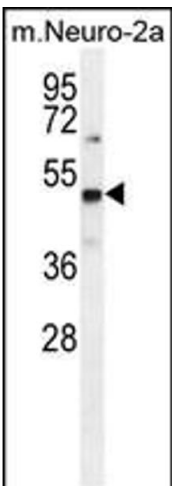
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with PRMT1 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of anti-PRMT1 Antibody (C-term) (ABIN387834 and ABIN2843924) in HeLa cell line lysates (35 µg/lane). PRMT1 (arrow) was detected using the purified Pab.



Western Blotting

Image 3. PRMT1 Antibody (C-term) (ABIN387834 and ABIN2843924) western blot analysis in mouse Neuro-2a cell line lysates (35 µg/lane). This demonstrates the PRMT1 antibody detected the PRMT1 protein (arrow).