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

## Overview

| Quantity: | $400 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | PRMT6 |
| Binding Specificity: | AA 19-48, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | This PRMT6 antibody is un-conjugated |
| Conjugate: | Western Blotting (WB) |

Product Details

| Immunogen: | This PRMT6 antibody is generated from rabbits immunized with a KLH conjugated synthetic <br> 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 |

## 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: | $4^{\circ} \mathrm{C},-20^{\circ} \mathrm{C}$ |
| Storage Comment: | Maintain refrigerated at $2-8^{\circ} \mathrm{C}$ for up to 6 months. For long term storage store at $-20^{\circ} \mathrm{C}$ in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |



## 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 $20 \mu \mathrm{~g}$ 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.

