



Datasheet for ABIN7165066  
**anti-PRMT2 antibody (AA 1-300)**



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3 Images

Overview

Quantity:	100 µL
Target:	PRMT2
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRMT2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Protein arginine N-methyltransferase 2 protein (1-300AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	PRMT2
Alternative Name:	PRMT2 ( <a href="#">PRMT2 Products</a> )
Background:	Background: Arginine methyltransferase that methylates the guanidino nitrogens of arginyl residues in proteins such as STAT3, FBL, histone H4. Acts as a coactivator (with NCOA2) of the

## Target Details

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androgen receptor (AR)-mediated transactivation. Acts as a coactivator (with estrogen) of estrogen receptor (ER)-mediated transactivation. Enhances PGR, PPARG, RARA-mediated transactivation. May inhibit NF-kappa-B transcription and promote apoptosis. Represses E2F1 transcriptional activity (in a RB1-dependent manner). May be involved in growth regulation.

Aliases: ANM2\_HUMAN antibody, EC 2.1.1. antibody, histone arginine N methyltransferase PRMT2 antibody, Histone-arginine N-methyltransferase PRMT2 antibody, HMT 1 antibody, HMT1 (hnRNP methyltransferase S. cerevisiae) like 1 antibody, HMT1 antibody, HMT1 hnRNP methyltransferase like 1 antibody, hnRNP methyltransferase (S. cerevisiae) like 1 antibody, hnRNP methyltransferase like 1 antibody, Hrmt111 antibody, MGC111373 antibody, PRMT 2 antibody, PRMT2 alpha antibody, prmt2 antibody, PRMT2 beta antibody, PRMT2 gamma antibody, PRMT2 protein antibody, PRMT2L2 antibody, Protein arginine methyltransferase 2 antibody, Protein arginine N methyltransferase 2 antibody, Protein arginine N-methyltransferase 2 antibody, Zf2 antibody

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UniProt: [P55345](#)

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Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Nuclear Hormone Receptor Binding](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:200-1:2000, IHC:1:20-1:200,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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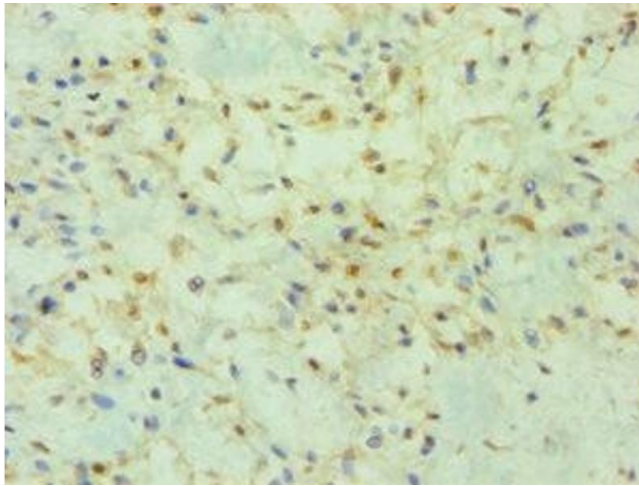
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

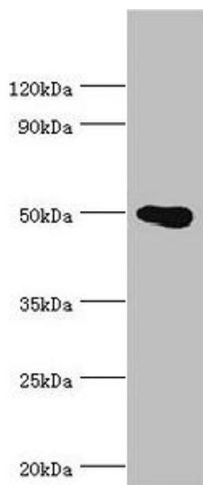
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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



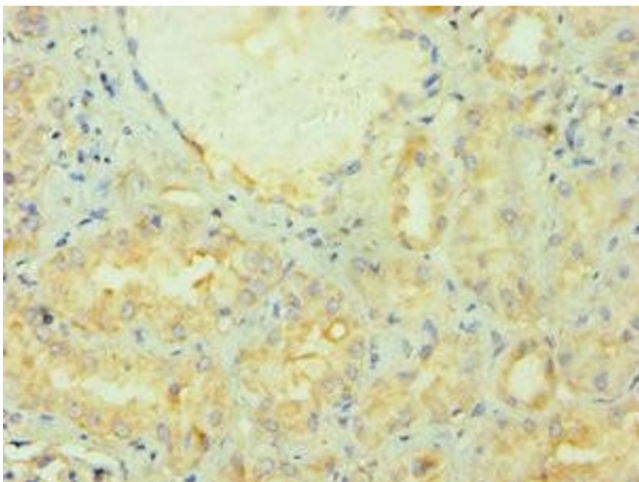
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7165066 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: PRMT2 antibody at 4  $\mu$ g/mL + HL60 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 50, 32, 38, 33, 34, 26, 32 kDa Observed band size: 50 kDa



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7165066 at dilution of 1:100