

## PRMT7 Antibody

Catalog No: #35889



Package Size: #35889-1 50ul #35889-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

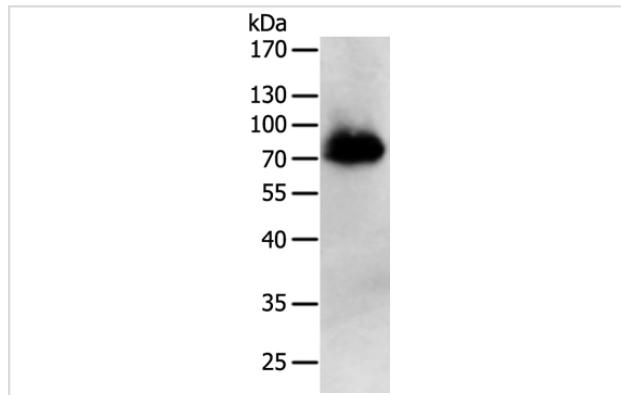
## Description

Product Name	PRMT7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PRMT7 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human Protein arginine methyltransferase 7
Target Name	PRMT7
Other Names	ANM7;FLJ10640;KIAA1933
Accession No.	Swiss-Prot#: Q9NVM4NCBI Gene ID: 54496Gene Accsion: BC000146
SDS-PAGE MW	78kd
Concentration	1.1mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

## Images



Gel: 10%SDS-PAGE  
 Lysates (from left to right): Human liver cancer tissue  
 Amount of lysate: 50ug per lane  
 Primary antibody: 1/500 dilution  
 Secondary antibody dilution: 1/8000  
 Exposure time: 5 minutes

## Background

Protein arginine methyltransferase 7 is a protein that in humans is encoded by the PRMT7 gene. Arginine methylation is an apparently irreversible protein modification catalyzed by arginine methyltransferases, such as PMT7, using S-adenosylmethionine (AdoMet) as the methyl donor.

Arginine methylation is implicated in signal transduction, RNA transport, and RNA splicing. May be involved in etoposide-induced cytotoxicity, a chemotherapeutic agent frequently used for testicular cancer and small-cell lung cancer that can cause cytotoxicity in the treatment of other cancers. Down-regulation confers increased sensitivity to the Top1 inhibitor camptothecin (CPT).

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.