

PRMT7 Antibody

Catalog No: #35889

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

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

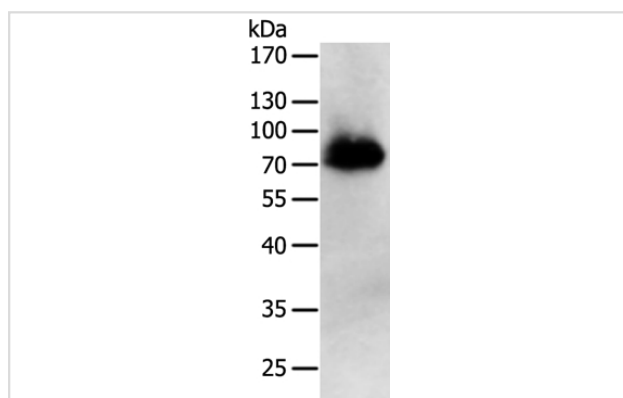
Description

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 Accssion: BC000146
SDS-PAGE MW	78kd
Concentration	1.1mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 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).

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