Datasheet for ABIN2778659

anti-PRMT7 antibody (N-Term)

4 Images

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Overview

Quantity:	100 µL
Target:	PRMT7
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Guinea Pig, Cow, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRMT7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PRMT7
Sequence:	MKIFCSRANP TTGSVEWLEE DEHYDYHQEI ARSSYADMLH DKDRNVKYYQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against PRMT7. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PRMT7

Target Details

Alternative Name:	PRMT7 (PRMT7 Products)
Background:	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.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 (Miranda et al., 2004 [PubMed 15044439]).[supplied by OMIM]. Alias Symbols: FLJ10640, KIAA1933 Protein Interaction Partner: SUMO1, H3F3C, ZBTB24, MNDA, UBC, POT1, HHV8GK18_gp81, HIST1H3A, SNRPB, DIO3, CTCFL, HIST1H4A, HIST2H2AC, PIK3CG, PRDM1, Protein Size: 692
Molecular Weight:	78 kDa
Gene ID:	54496
NCBI Accession:	NM_019023, NP_061896
UniProt:	Q9NVM4
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 692 AA
Restrictions:	For Research Use only

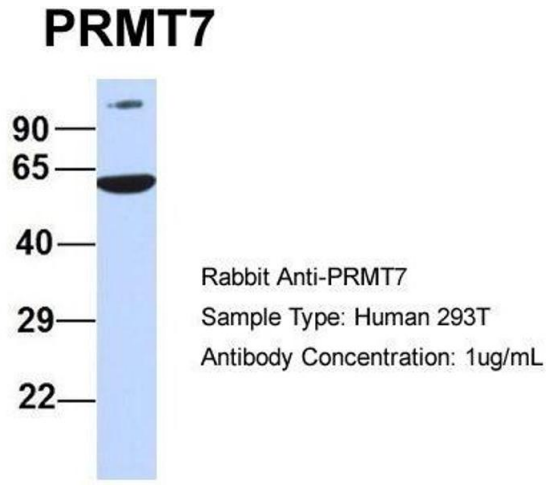
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

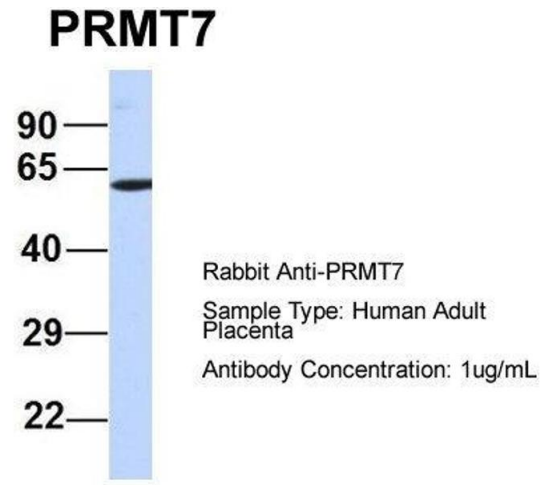
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



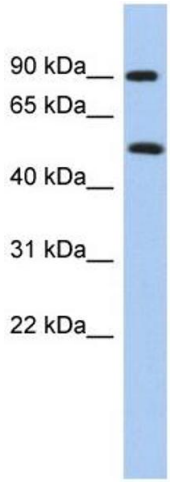
Western Blotting

Image 1. Host: Rabbit Target Name: PRMT7 Sample Type: Human 293T Antibody Dilution: 1.0ug/ml



Western Blotting

Image 2. Host: Rabbit Target Name: PRMT7 Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. WB Suggested Anti-PRMT7 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human Liver

Please check the product details page for more images. Overall 4 images are available for ABIN2778659.