

Datasheet for ABIN2778658
anti-PRMT6 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PRMT6
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRMT6 antibody is un-conjugated
Application:	Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PRMT6
Sequence:	FRCSYGSAP MHGFAIWFQV TFPGGESEKP LVLSTSPFHP ATHWKQALLY
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PRMT6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PRMT6
Alternative Name:	PRMT6 (PRMT6 Products)

Target Details

Background:	<p>Protein arginine N-methyltransferases, such as PRMT6, catalyze the sequential transfer of a methyl group from S-adenosyl-L-methionine to the side chain nitrogens of arginine residues within proteins to form methylated arginine derivatives and S-adenosyl-L-homocysteine. Protein arginine N-methyltransferases, such as PRMT6, catalyze the sequential transfer of a methyl group from S-adenosyl-L-methionine to the side chain nitrogens of arginine residues within proteins to form methylated arginine derivatives and S-adenosyl-L-homocysteine.[supplied by OMIM].</p> <p>Alias Symbols: FLJ10559, HRMT1L6</p> <p>Protein Interaction Partner: KIF9, RASSF2, KIAA0408, DNAJA3, AP1G2, HESX1, BLZF1, DNALI1, ZSCAN9, TSC1, TD02, SUV39H1, SMARCD1, RAD17, RAC1, PSMD11, PEX7, OAS1, NEFL, MNDA, SMAD9, ID2, HOXC4, HOXA5, HOXA1, HNRNPH2, GBE1, FYN, DXO, BMP3, BCAT1, H3F3C, C17orf82, THEMIS, C8orf74, AK8, W</p> <p>Protein Size: 316</p>
Molecular Weight:	35 kDa
Gene ID:	55170
NCBI Accession:	NM_018137 , NP_060607
UniProt:	A3KME1

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 316 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

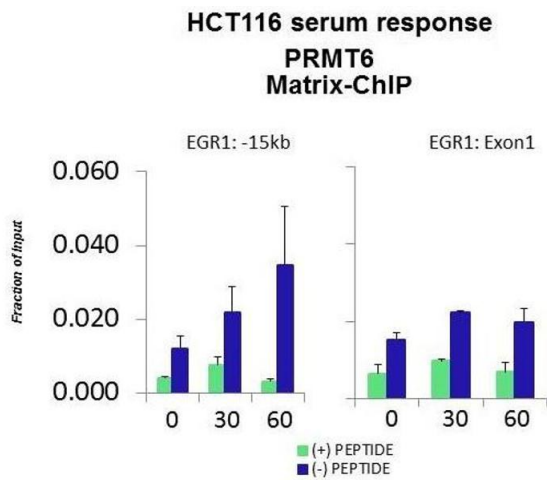
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-PRMT6 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: 293T cell lysate



Chromatin Immunoprecipitation

Image 2. Quiescent human colon carcinoma HCT116 cultures were treated with 10% FBS for three time points (0, 15, 30min) or (0, 30, 60min) were used in Matrix-ChIP and real-time PCR assays at EGR1 gene (Exon1) and 15kb upstream site.