

For Research Use Only

# PRMT6 Polyclonal antibody

Catalog Number: 15395-1-AP

Featured Product

10 Publications



## Basic Information

**Catalog Number:**

15395-1-AP

**Size:**

550 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG7592

**GenBank Accession Number:**

BC002729

**GeneID (NCBI):**

55170

**UNIPROT ID:**

Q96LA8

**Full Name:**

protein arginine methyltransferase 6

**Calculated MW:**

42 kDa

**Observed MW:**

42 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:2000-1:10000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, IHC, IP, WB, ELISA

**Cited Applications:**

WB, IF, IHC

**Species Specificity:**

human, mouse

**Cited Species:**

human, mouse

**Note-IHC:** suggested antigen retrieval with **TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** HEK-293 cells, mouse brain tissue, HeLa cells, MCF-7 cells

**IP:** HEK-293 cells,

**IHC:** human prostate cancer tissue, human kidney tissue, human breast cancer tissue, human testis tissue

**IF:** MCF-7 cells,

## Background Information

PRMT6 belongs to the protein arginine methyltransferase (PRMT) family that catalyzes the mono- and dimethylation of arginine residues in a variety of proteins. PRMT6 is a nuclear protein and is predominantly expressed in testis and kidney. Western blot analysis using this antibody detected a major band around 42 kDa in HeLa cells.

## Notable Publications

Author	Pubmed ID	Journal	Application
Wei-Wei Yan	30420520	EMBO Rep	WB
Muyu Xu	29791506	PLoS Pathog	WB
Qi Feng	32535103	Biochem Pharmacol	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

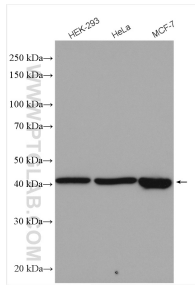
T: 4006900926

E: Proteintech-CN@ptglab.com

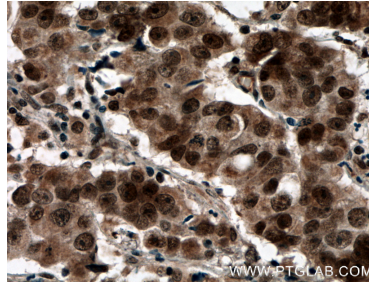
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

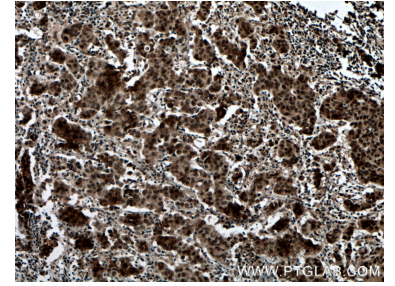
## Selected Validation Data



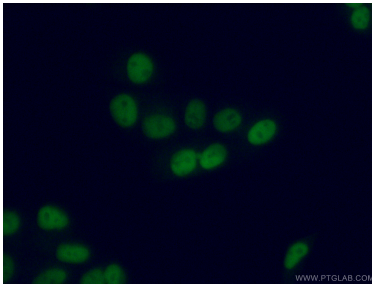
Various lysates were subjected to SDS PAGE followed by western blot with 15395-1-AP (PRMT6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



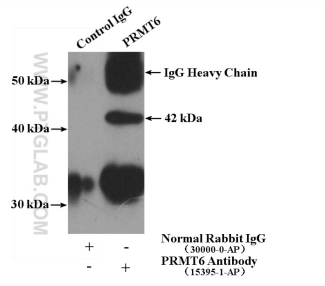
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15395-1-AP (PRMT6 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15395-1-AP (PRMT6 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using 15395-1-AP (PRMT6 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-PRMT6 (IP:15395-1-AP, 4ug; Detection:15395-1-AP 1:1500) with HEK-293 cells lysate 2400ug.