

For Research Use Only

PRMT8 Polyclonal antibody

Catalog Number: 12557-1-AP **2 Publications**



Basic Information

Catalog Number: 12557-1-AP	GenBank Accession Number: BC022458	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 56341	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9NR22	
Isotype: IgG	Full Name: protein arginine methyltransferase 8	
Immunogen Catalog Number: AG3166	Calculated MW: 394 aa, 45 kDa	
	Observed MW: 43-50 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : Y79 cells, IHC : rat brain tissue, human breast cancer tissue, mouse brain tissue
Cited Applications: WB	
Species Specificity: human, mouse, rat	
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	

Background Information

PRMT8 is a member of arginine methyl transferase (PRMT) family which acts as nuclear receptor coactivators. PRMT8 catalyzes the asymmetric arginine methylation and is involved in cellular differentiation. PRMT8 has several isoforms; the full-length isoform has a brain specific expression pattern and is localized to the plasma membrane; the truncated isoforms display nuclear localization and are expressed more widely. This antibody recognizes all of isoforms of PRMT8.

Notable Publications

Author	Pubmed ID	Journal	Application
Yizhen Tian	34919946	Toxicol Appl Pharmacol	WB
Qingqing Zhang	35470570	Basic Clin Pharmacol Toxicol	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:

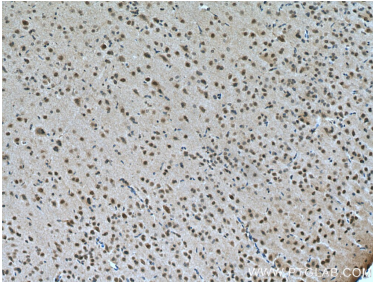
T: 4006900926

E: Proteintech-CN@ptglab.com

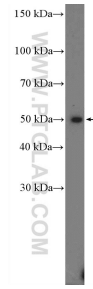
W: ptgcn.com

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

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 12557-1-AP (PRMT8 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Y79 cells were subjected to SDS PAGE followed by western blot with 12557-1-AP (PRMT8 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.