

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: 150ul , Concentration: 500 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 56341	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: protein arginine methyltransferase 8	
Isotype: IgG	Calculated MW: 394 aa, 45 kDa	
Immunogen Catalog Number: AG3166	Observed MW: 43-50 kDa	

Applications

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

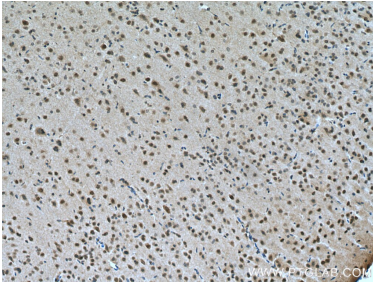
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

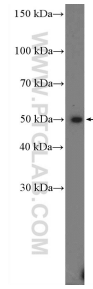
For technical support and original validation data for this product please contact:
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Selected Validation Data



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.