

For Research Use Only

PRMT8 Polyclonal antibody

Catalog Number: 12557-1-AP

2 Publications



Basic Information

Catalog Number:

12557-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3166

GenBank Accession Number:

BC022458

GeneID (NCBI):

56341

UNIPROT ID:

Q9NR22

Full Name:

protein arginine methyltransferase 8

Calculated MW:

394 aa, 45 kDa

Observed MW:

43-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : Y79 cells,

IHC : rat brain tissue, human breast cancer tissue, mouse brain tissue

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

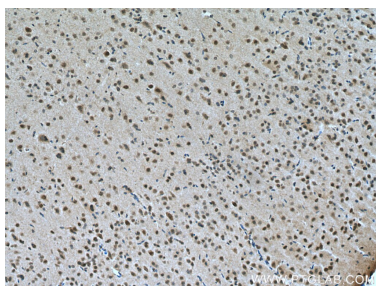
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

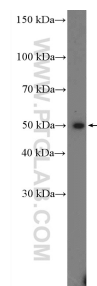
E: proteintech@ptglab.com
W: ptglab.com

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.