

For Research Use Only

DNMT1 Polyclonal antibody, PBS Only

Catalog Number: 24206-1-PBS

Featured Product



Basic Information

Catalog Number:

24206-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19116

GenBank Accession Number:

BC126227

GeneID (NCBI):

1786

UNIPROT ID:

P26358

Full Name:

DNA (cytosine-5-)-methyltransferase
1

Calculated MW:

1632 aa, 185 kDa

Observed MW:

180-200 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, rat

Background Information

DNA methylation is a major epigenetic modification that regulates gene expression. DNMT1, the maintenance DNA methylation enzyme, is the primary enzyme responsible for copying methylation patterns after DNA replication. DNMT1 is required for X chromosome inactivation, imprinting, genomic methylation and proper embryonic development. Overexpression of DNMT1 has been reported in various cancers. DNMT1 exists some isoforms with MW 184 kDa and 145 kDa. (PMID: 10753866)

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

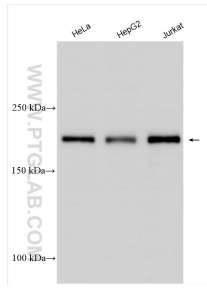
T: 4006900926

E: Proteintech-CN@ptglab.com

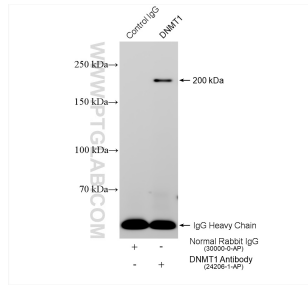
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24206-1-AP (DNMT1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24206-1-PBS in a different storage buffer formulation.



IP result of anti-DNMT1 (IP:24206-1-AP, 4ug; Detection:24206-1-AP 1:500) with HEK-293 cells lysate 1400 ug. This data was developed using the same antibody clone with 24206-1-PBS in a different storage buffer formulation.