

For Research Use Only

DNMT1 Recombinant antibody

Catalog Number: 82678-2-RR



Basic Information

Catalog Number: 82678-2-RR	GenBank Accession Number: BC126227	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 1786	CloneNo.: 240302E2
Source: Rabbit	UNIPROT ID: P26358	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: DNA (cytosine-5-)-methyltransferase	
Immunogen Catalog Number: AG29479	1	
	Calculated MW: 1632 aa, 185 kDa	
	Observed MW: 200 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, HEK-293T cells, PC-12 cells
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. (PMID: 10753866)

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:

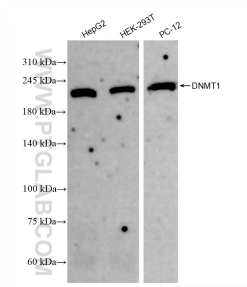
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82678-2-RR (DNMT1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.