



# Rabbit Anti-Human DNMT1 Polyclonal antibody (DPABH-03750)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>          | DNMT1 fusion protein, sequence:<br>VSFKRSMVLKLTLRCLVRMGYQCTFGVLQAGQYGVAQTRRRAILAAAPGEKLPLFPEPL<br>HVFAPRACQLSVVDDKKFVSNITRLSSGPFRTITVRDTMSDLPEVRNGASALEISYNGE<br>PQSWFQRQLRGAQYQPILRDHICKDMSALVAARMRHIPLAPGSDWRDLPNIEVRLSDGTM<br>ARKLRYTHHDRKNGRSSSGALRGVCSCVEAGKACDPAARQFNTLIPWCLPHTGNRHNHWA<br>GLYGRLEWDGFFSTTVTNPEPMGKQGRVLHPEQHRVSVRECARSQGFDPDYRLFGNILD<br>KHRQVGNAVPPPLAKAIGLEIKLCMLAKARESASAKIKEEEAAKD (1288-1632 aa encoded<br>by BC126227) |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source/Host</b>        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species Reactivity</b> | Human, Rat, Chicken, Pig                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purification</b>       | Antigen affinity purification                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Conjugate</b>          | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>       | WB, IP, IF, ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Positive Control</b>   | HEK-293 cells, C6 cells                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Format</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Size</b>               | 50 µl, 100 µl                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Buffer</b>             | PBS with 0.02% sodium azide and 50% glycerol pH 7.3.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Preservative</b>       | 0.02% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                  |

**Storage**

Store at -20°C. Aliquoting is unnecessary for -20°C storage.

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## BACKGROUND

**Introduction**

DNA (cytosine-5-)-methyltransferase 1 has a role in the establishment and regulation of tissue-specific patterns of methylated cytosine residues. Aberrant methylation patterns are associated with certain human tumors and developmental abnormalities. Two transcript variants encoding different isoforms have been found for this gene.

**Keywords**

DNMT1; DNA (cytosine-5-)-methyltransferase 1; AIM; DNMT; MCMT; CXXC9; HSN1E; ADCADN; DNA (cytosine-5)-methyltransferase 1; m.HsaI; DNA MTase HsaI; DNA methyltransferase HsaI; CXXC-type zinc finger protein 9;

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## GENE INFORMATION

**Entrez Gene ID**

[1786](#)

**UniProt ID**

[I6L9H2](#)

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