



# Anti-MGMT polyclonal antibody (DPAB-DC1181)

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

## PRODUCT INFORMATION

**Antigen Description** enzyme involved in DNA repair of O(6)-alkylguanine which is the major mutagenic and carcinogenic lesion in DNA [RGD, Feb 2006]

**Specificity** This antibody recognizes ~25 KDa MGMT.

**Immunogen** A synthetic peptide corresponding to residues surrounding amino acids 8 of rat Mgmt.

**Isotype** IgG

**Source/Host** Rabbit

**Species Reactivity** Mouse, Rat

**Conjugate** Unconjugated

**Applications** WB (Cell lysate),

**Format** Liquid

**Size** 100 µg

**Buffer** In PBS, pH 7.2 (30% glycerol, 0.5 mg/mL BSA, 0.01% thimerosal)

**Preservative** None

**Storage** Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

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<b>Gene Name</b>	<a href="#">Mgmt O-6-methylguanine-DNA methyltransferase [ <i>Rattus norvegicus (Norway rat)</i> ]</a>
<b>Official Symbol</b>	MGMT
<b>Synonyms</b>	MGMT; O-6-methylguanine-DNA methyltransferase; methylated-DNA--protein-cysteine methyltransferase; O6-alkylguanine-DNA alkyltransferase; O6-methylguanine-DNA methyltransferase; O(6)-alkylguanine-DNA alkyltransferase; O-6-methylguanine-DNA-alkyltransferase; 0-6-methylguanine-DNA methyltransferase; 6-O-methylguanine-DNA methyltransferase;
<b>Entrez Gene ID</b>	<a href="#">25332</a>
<b>Protein Refseq</b>	<a href="#">NP_036993</a>
<b>UniProt ID</b>	<a href="#">P24528</a>
<b>Chromosome Location</b>	1q41
<b>Pathway</b>	DNA Damage Reversal;
<b>Function</b>	DNA binding; calcium ion binding; methylated-DNA-[protein]-cysteine S-methyltransferase activity; methyltransferase activity

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