

## MGMT Polyclonal Antibody

<b>CATALOG NO:</b>	3820-30T	30 µg (Trial size)
	3820-100	100 µg
<b>HOST:</b>	Rabbit	
<b>IMMUNOGEN:</b>	Synthetic peptide corresponding to residues surrounding amino acids 8 of rat MGMT (Internal ID# BV-878)	
<b>SPECIES REACTIVITY:</b>	Mouse, Rat	

### FORMULATION:

0.5 mg/ml affinity purified rabbit anti-MGMT polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

### STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### DESCRIPTION:

MGMT (O-6-methylguanine-DNA methyltransferase) is a DNA repair protein that response to DNA damage by removing methyl or alkyl groups from the O6 position of guanine. MGMT protects normal cells from cytotoxic effects and is important in drug resistance to alkylating agents.

### SPECIFICITY:

The antibody recognizes ~ 32 kDa MGMT in samples of mouse, and rat origins. Reactivity to other species has not been tested.

### APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3820BP-50) is available separately.



**FOR RESEARCH USE ONLY! Not to be used on humans.**

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- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
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- Bioluminescence Cytotoxicity Assay Kit
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- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
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- Cloning Insert Quick Screening Kit
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- 5 Minutes DNA Ligation Kit
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