

**MGMT Polyclonal Antibody**  
Catalog # AP70933**Specification**

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**MGMT Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P16455</a>
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal

**MGMT Polyclonal Antibody - Additional Information****Gene ID** 4255**Other Names**

MGMT; Methylated-DNA--protein-cysteine methyltransferase; 6-O-methylguanine-DNA methyltransferase; MGMT; O-6-methylguanine-DNA-alkyltransferase

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**MGMT Polyclonal Antibody - Protein Information****Name** MGMT**Function**

Involved in the cellular defense against the biological effects of O6-methylguanine (O6-MeG) and O4-methylthymine (O4-MeT) in DNA. Repairs the methylated nucleobase in DNA by stoichiometrically transferring the methyl group to a cysteine residue in the enzyme. This is a suicide reaction: the enzyme is irreversibly inactivated.

**Cellular Location**

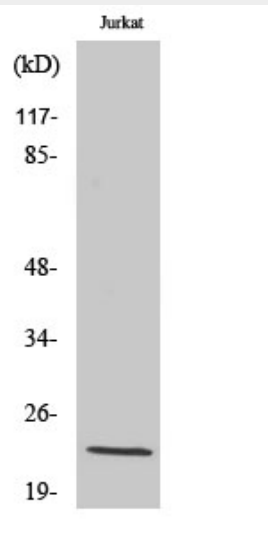
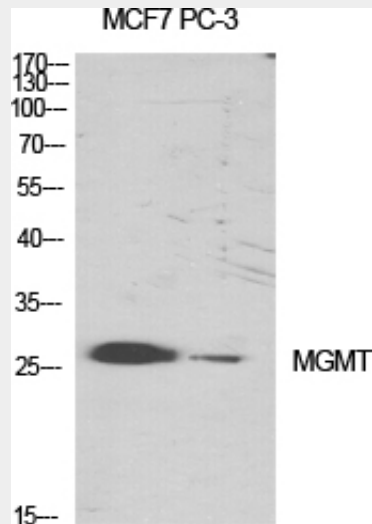
Nucleus.

**MGMT Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### MGMT Polyclonal Antibody - Images



### MGMT Polyclonal Antibody - Background

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