

MPG Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51761**Specification**

MPG Antibody - Product Information

Application	WB, E
Primary Accession	P29372
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33 KDa

MPG Antibody - Additional Information**Gene ID** 4350**Other Names**

DNA-3-methyladenine glycosylase, 3-alkyladenine DNA glycosylase, 3-methyladenine DNA glycosidase, ADPG, N-methylpurine-DNA glycosylase, MPG, AAG, ANPG, MID1

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C.Stable for 12 months from date of receipt

MPG Antibody - Protein Information**Name** MPG**Synonyms** AAG, ANPG, MID1**Function**

Hydrolysis of the deoxyribose N-glycosidic bond to excise 3- methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions.

Cellular Location

Cytoplasm. Mitochondrion matrix, mitochondrion nucleoid. Nucleus

MPG 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](#)

MPG Antibody - Images

MPG Antibody - Background

Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions.

MPG Antibody - References

Samson L., et al. Proc. Natl. Acad. Sci. U.S.A. 88:9127-9131(1991).
Vickers M.A., et al. Proc. Natl. Acad. Sci. U.S.A. 90:3437-3441(1993).
Kim J.W., et al. Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.
Daniels R.J., et al. Hum. Mol. Genet. 10:339-352(2001).
Martin J., et al. Nature 432:988-994(2004).