

Anti-MPG antibody

Cat. No.	ml221943
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-MPG rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Fusion protein of human MPG
Reactivity	Human
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	MPG
Full name	N-methylpurine-DNA glycosylase
Synonyms	AAG; MDG; ADPG; APNG; Mid1; anpg; PIG11; PIG16; CRA36.1
Swissprot	P29372

Target Background

Maintenance of DNA sequences is necessary for vertebrates and other life. DNA is under constant stress by a plethora of DNA-damaging agents present in both the environment and within cells. The potentially deleterious effects of DNA lesions in cells are elegantly resolved by sophisticated DNA repair systems, including base excision repair (BER), nucleotide excision repair (NER) and DNA repair methyltransferase (MTase). Methylated bases, such as 3-methyladenine (3MeA) and 7-methylguanine (7MeG) can be formed by agents in the environment and by endogenous cellular processes. Consequently, in the absence of exposure to environmental agents, DNA methylation damage can be incurred on the genomic DNA of normal mammalian cells. DNA N-glycosylases are base excision-repair proteins that locate and cleave damaged bases from DNA as the first step in restoring the sequence.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size: 32 kDa

Positive control: 231, 293T, Lovo, hepG2, A549, PC3 and A172 cells

Recommended dilution: 1000-5000

Gel: 8%SDS-PAGE

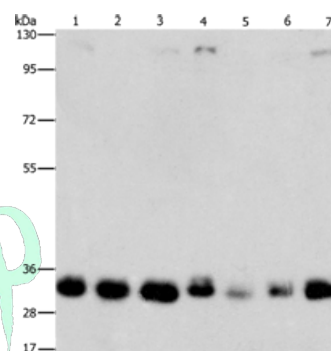
Lysate: 40 µg

Lane 1-7: 231 cells, 293T cells, Lovo cells, hepG2 cells,
A549 cells, PC3 cells, A172 cells

Primary antibody: ml221943(MPG Antibody) at dilution
1/1500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 2000-10000

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