MPG Antibody

PACO15821

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000

Protein 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.

Gene ID:

MPG

Uniprot

P29372

Synonyms:

N-methylpurine-DNA glycosylase

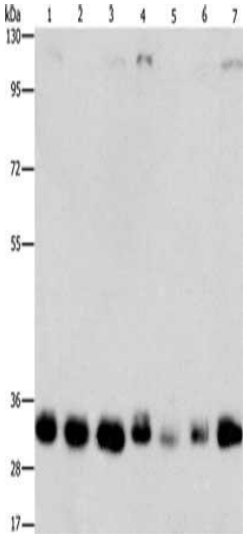
Immunogen:

Fusion protein of human MPG.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images



Gel: 8%SDS-PAGE, Lysate: 40 μ g, Lane 1-7: 231 cells, 293T cells, Lovo cells, hepG2 cells, A549 cells, PC3 cells, A172 cells, Primary antibody: PACO15821(MPG Antibody) at dilution 1/1500, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute.