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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06330 - Goat Anti-MPG Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: proliferation-inducing protein 16, proliferation-inducing protein 11, alkyladenine DNA glycosylase, CRA36.1 (3-methyl-adenine DNA glycosylase), 3'1 end of the Mid1 gene, localized 68 kb upstream the humanzeta globin gene on 16p, anpg, PIG16, PIG11, N-methylpurine-DNA glycosylase, MPG, Mid1, MDG, CRA36.1, APNG, AAG, N-methylpurine-DNA glycosylase

Official Symbol: MPG

Accession Number(s): NP_002425.2; NP_001015052.1; NP_001015054.1

Human GeneID(s): [4350](#)

Important Comments: This antibody is expected to recognize all three reported isoforms (NP_002425.2, NP_001015052.1 and NP_001015054.1)

Immunogen

Peptide with sequence C-SVVDRVAEQDTQA, from the C Terminus of the protein sequence according to NP_002425.2; NP_001015052.1; NP_001015054.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

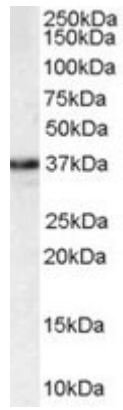
Peptide ELISA: antibody detection limit dilution 1:1000.

Western blot: Approx 37kDa band observed in lysates of HEK293 and K562 (calculated MW of 32.9kDa according to NP_002425.2). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB06330 staining (1 μ g/ml) of HEK293 lysate (RIPA buffer, 35 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.