

Goat MPG Polyclonal Antibody | anti-MPG antibody

Goat anti-MPG Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61229	Goat	Tested: Human; Expected from sequence similarity: Human	Western Blot, ELISA

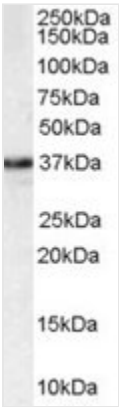
PRODUCT SYNONYMS

MPG; Polyclonal Antibody; Goat anti-MPG Antibody; MDG; N-methylpurine-DNA glycosylase; AAG; APNG; CRA36.1; Mid1; PIG11; PIG16; anpg; 3' end of the Mid1 gene; localized 68 kb upstream the humanzeta globin gene on 16p; CRA36.1 (3-methyl-adenine DNA glycosylase); alkylad; N-methylpurine-DNA glycosylase antibody; AAG antibody; APNG antibody; CRA36.1 antibody; MDG antibody; Mid1 antibody; MPG antibody; PIG11 antibody; PIG16 antibody; anpg antibody; 3' end of the Mid1 gene; localized 68 kb upstream the humanzeta globin gene on 16p antibody; CRA36.1 (3-methyl-adenine DNA glycosylase) antibody; alkyladenine DNA glycosylase antibody; proliferation-inducing protein 11 antibody; proliferation-inducing protein 16 antibody; anti-MPG antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	SVVDRVAEQD TQA
Sequence Length	298
Applicable Applications for anti-MPG antibody	WB (Western Blot), ELISA (Peptide ELISA)
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.
Epitope	C Terminus
Note	This antibody is expected to recognize all three reported isoforms (NP_002425.2, NP_001015052.1 and NP_001015054.1)
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
Staining (1ug/ml) of HEK293 lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62632769
NCBI GeneID	4350
NCBI Accession #	NP_002425.2; NP_001015052.1; NP_001015054.1
NCBI GenBank Nucleotide #	NM_002434.3
Molecular Weight	30,824 Da
NCBI Official Full Name	DNA-3-methyladenine glycosylase isoform a
NCBI Official Synonym Full Names	N-methylpurine DNA glycosylase
NCBI Official Symbol	MPG
NCBI Official Synonym Symbols	AAG; MDG; ADPG; APNG; Mid1; anpg; PIG11; PIG16; CRA36.1
NCBI Protein Information	DNA-3-methyladenine glycosylase
UniProt Protein Name	DNA-3-methyladenine glycosylase
UniProt Gene Name	MPG
UniProt Synonym Gene Names	AAG; ANPG; MID1
UniProt Entry Name	3MG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.