



3MG Polyclonal Antibody

Catalog No	YP-Ab-05527
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	MPG AAG ANPG MID1
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	3MG Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	3 alkyladenine DNA glycosylase;3-alkyladenine DNA glycosylase;3-methyladenine DNA glycosidase;AAG;ADPG;3MG;MPG AAG ANPG MID1;DNA-3-methyladenine glycosylase (EC 3.2.2.21) (3-alkyladenine DNA glycosylase) (3-methyladenine DNA glycosidase) (ADPG) (N-methylpurine-DNA glycosylase)
Observed Band	32kD
Calculated Molecular Weight	32kD
Cell Pathway	Cytoplasm . Mitochondrion matrix, mitochondrion nucleoid . Nucleus .
Tissue Specificity	Epithelium,Liver,Pancreas,
Function	alternative products:Experimental confirmation may be lacking for some isoforms,catalytic activity:Hydrolysis of alkylated DNA, releasing 3-methyladenine, 3-methylguanine, 7-methylguanine and 7-methyladenine., function:Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions.,similarity:Belongs to the DNA glycosylase MPG family., subunit:Binds MBD1.,



Background

alternative products: Experimental confirmation may be lacking for some isoforms, catalytic activity: Hydrolysis of alkylated DNA, releasing 3-methyladenine, 3-methylguanine, 7-methylguanine and 7-methyladenine., function: Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions., similarity: Belongs to the DNA glycosylase MPG family., subunit: Binds MBD1.,

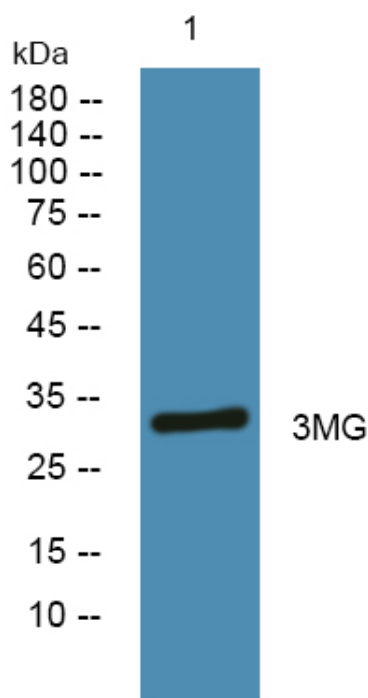
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night