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Datasheet for ABIN739890  
**anti-MPG antibody (AA 101-200)**

### Overview

Quantity:	100 µL
Target:	MPG
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human APNG/MPG
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Pig
Purification:	Purified by Protein A.

### Target Details

Target:	MPG
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## Target Details

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Alternative Name:	APNG/MPG ( <a href="#">MPG Products</a> )
Background:	<p>Synonyms: N-methylpurine-DNA glycosylase isoform a, DNA 3 methyladenine glycosylase, 3 alkyladenine DNA glycosylase, AAG, ADPG, Alkyladenine DNA glycosylase, anpg , APNG, MDG, N methylpurine DNA glycosirase, CRA36.1, MDG, Mid1, PIG11, PIG16, 3MG_HUMAN.</p> <p>Background: MPG (N-methylpurine DNA glycosylase, or 3-methyladenine (3MeA) DNA glycosylase) repairs the 3MeA lethal lesion blocking DNA replication in Escherichia coli.</p> <p>Analysis of human cDNA libraries found a cDNA that would hybridize to human genomic DNA but not to E. coli or yeast DNA. This MPG gene has been mapped to human chromosome 16 by analysis of a panel of DNAs from mouse/human and hamster/human hybrid cell lines.</p>
Gene ID:	4350
Pathways:	<a href="#">DNA Damage Repair</a>

## Application Details

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Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Handling

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Expiry Date: 12 months