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# anti-MPG antibody (AA 32-300)

2 Images



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#### Overview

Quantity:	100 μL
Target:	MPG
Binding Specificity:	AA 32-300
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)
Product Details	
Immunogen:	MPG (Gln32-Met300)
Isotype:	IgG

#### ability to recognize MDC in

ability to recognize MPG in immunohistochemical staining and western blotting.

The antibody is a rabbit polyclonal antibody raised against MPG. It has been selected for its

Purification: Antigen-specific affinity chromatography

## **Target Details**

Specificity:

Target:	MPG
Alternative Name:	N-Methylpurine DNA Glycosylase (MPG) (MPG Products)
Background:	Alternative Names: AAG, APNG, ADPG, CRA36.1, MDG, Mid1, PIG11, PIG16, Anpg, DNA-3-
	Methyladenine Glycosylase, Alkyladenine DNA Glycosylase, 3-alkyladenine DNA glycosylase

Target Details	
Pathways:	DNA Damage Repair
Application Details	
Application Notes:	<ul> <li>Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500         Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal working dilutions must be determined by end user.     </li> </ul>
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37&degC for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled.  Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of

potentially explosive deposits in lead or copper plumbing.

Store at 2-8 °C for one month. Aliquot and store at -80 °C for 12 months.

Avoid repeated freeze-thaw cycles.

4°C

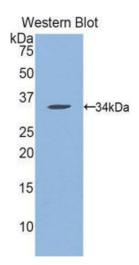
12 months

Handling Advice:

Storage Comment:

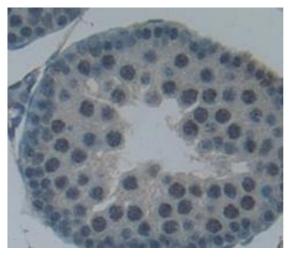
Storage:

Expiry Date:



# **Western Blotting**

Image 1.



### **Immunohistochemistry**

Image 2. Figure.DAB staining on IHC-P. Samples: Rat Tissue