

Datasheet for ABIN7436513
anti-MPG antibody (AA 221-296)

5 Images

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Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | MPG |
| Binding Specificity: | AA 221-296 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

| | |
|-------------------|--|
| Purpose: | Polyclonal Antibody to N-Methylpurine DNA Glycosylase (MPG) |
| Immunogen: | Recombinant N-Methylpurine DNA Glycosylase (MPG) corresponding to Pro70~Lys220 and Leu221~Thr296 linked by a peptide LCQALA with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against MPG. It has been selected for its ability to recognize MPG in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

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|---------|-----|
| Target: | MPG |
|---------|-----|

Target Details

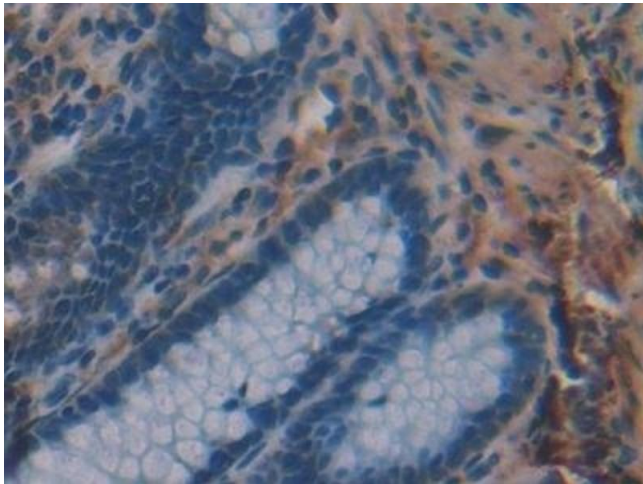
| | |
|-------------------|--|
| Alternative Name: | N-Methylpurine DNA Glycosylase (MPG Products) |
| Background: | AAG, APNG, ADPG, CRA36.1, MDG, Mid1, PIG11, PIG16, Anpg, DNA-3-Methyladenine Glycosylase, Alkyladenine DNA Glycosylase, 3-alkyladenine DNA glycosylase |
| Pathways: | DNA Damage Repair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

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 1-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user. |
| 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°C 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 |

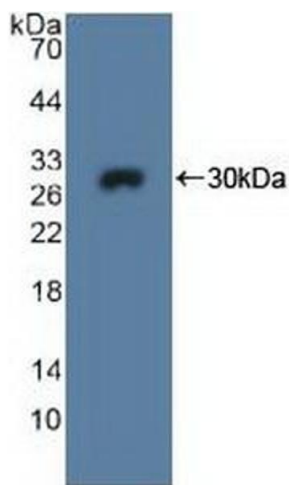
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



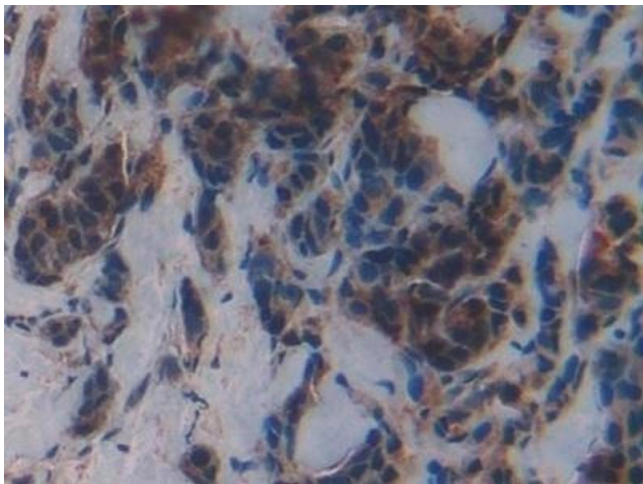
Immunohistochemistry

Image 1. Detection of MPG in Human Rectum Tissue using Polyclonal Antibody to N-Methylpurine DNA Glycosylase (MPG)



Western Blotting

Image 2. Detection of Recombinant MPG, Human using Polyclonal Antibody to N-Methylpurine DNA Glycosylase (MPG)



Immunohistochemistry

Image 3. Detection of MPG in Human Breast cancer Tissue using Polyclonal Antibody to N-Methylpurine DNA Glycosylase (MPG)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7436513.