

**UNG / Uracil DNA Glycosylase Antibody (N-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11741****Specification**

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**UNG / Uracil DNA Glycosylase Antibody (N-Terminus) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">P13051</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 35kDa KDa              |

**UNG / Uracil DNA Glycosylase Antibody (N-Terminus) - Additional Information****Gene ID** 7374**Other Names**

Uracil-DNA glycosylase {ECO:0000255|HAMAP-Rule:MF\_03166}, UDG  
{ECO:0000255|HAMAP-Rule:MF\_03166}, 3.2.2.27 {ECO:0000255|HAMAP-Rule:MF\_03166}, UNG  
{ECO:0000255|HAMAP-Rule:MF\_03166}

**Target/Specificity**

13 amino acid peptide from near the amino terminus of human UNG1

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

**Precautions**

UNG / Uracil DNA Glycosylase Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**UNG / Uracil DNA Glycosylase Antibody (N-Terminus) - Protein Information****Name** UNG {ECO:0000255|HAMAP-Rule:MF\_03166}**Function**

Excises uracil residues from the DNA which can arise as a result of misincorporation of dUMP residues by DNA polymerase or due to deamination of cytosine.

**Cellular Location**

[Isoform 1]: Mitochondrion.

**Tissue Location**

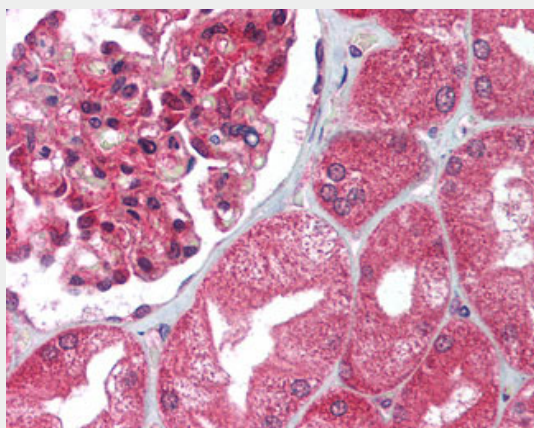
Isoform 1 is widely expressed with the highest expression in skeletal muscle, heart and testicles. Isoform 2 has the highest expression levels in tissues containing proliferating cells

## **UNG / Uracil DNA Glycosylase Antibody (N-Terminus) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **UNG / Uracil DNA Glycosylase Antibody (N-Terminus) - Images**



Anti-UNG antibody IHC of human kidney.

## **UNG / Uracil DNA Glycosylase Antibody (N-Terminus) - Background**

Excises uracil residues from the DNA which can arise as a result of misincorporation of dUMP residues by DNA polymerase or due to deamination of cytosine.

## **UNG / Uracil DNA Glycosylase Antibody (N-Terminus) - References**

Olsen L.C.,et al.EMBO J. 8:3121-3125(1989).  
Haug T.,et al.FEBS Lett. 353:180-184(1994).  
Nilsen H.,et al.Nucleic Acids Res. 25:750-755(1997).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.