

**UNG antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI14631****Specification**

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**UNG antibody - C-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">P13051</a>
Other Accession	<a href="#">NM_080911</a> , <a href="#">NP_550433</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34kDa KDa

**UNG antibody - C-terminal region - Additional Information****Gene ID** 7374**Alias Symbol** DGU, DKFZp781L1143, HIGM4, UDG, UNG1, UNG15, UNG2**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}**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-UNG antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

UNG antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**UNG antibody - C-terminal region - 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

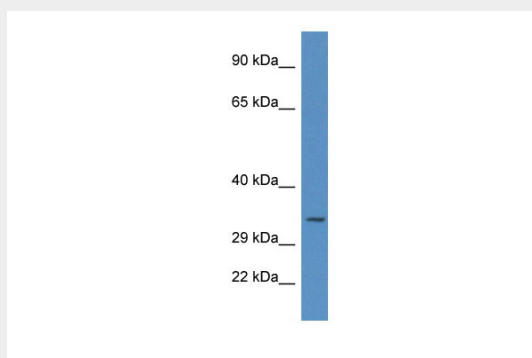
Isoform 1 is widely expressed with the highest expression in skeletal muscle, heart and testicles. Isoform 2 has the highest expression levels in tissues containing proliferating cells

#### UNG antibody - C-terminal region - 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 antibody - C-terminal region - Images



WB Suggested Anti-UNG Antibody Titration: 1.0 µg/ml

Positive Control: HeLa Whole Cell UNG is supported by BioGPS gene expression data to be expressed in HeLa

#### UNG antibody - C-terminal region - 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.