

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

UNG antibody - C-terminal region - Product Information

Application	WB
Primary Accession	P13051
Other Accession	NM_080911 , NP_550433
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
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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

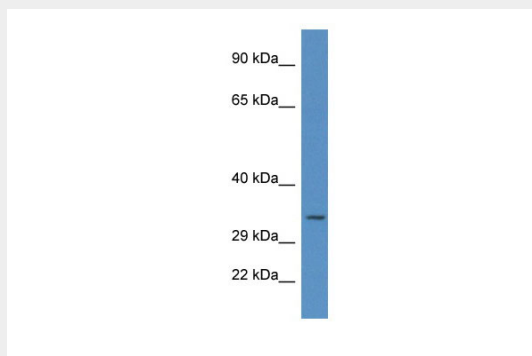
Isoform 1 is widely expressed with the highest expression in skeletal muscle, heart and testicles. Isoform 2 has the highest expression levels in tissues containing proliferating cells

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.