

UNG / Uracil DNA Glycosylase Antibody (aa281-298)
Rabbit Polyclonal Antibody
Catalog # ALS14561**Specification**

UNG / Uracil DNA Glycosylase Antibody (aa281-298) - Product Information

Application	WB, IHC
Primary Accession	P13051
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35kDa KDa

UNG / Uracil DNA Glycosylase Antibody (aa281-298) - 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

A synthetic peptide sequence CRHFSKTNELLQSGKKP corresponding to amino acids 281-298 of human UNG1 (NP003353.1) and amino acids 290-307 of human UNG2 (NP 550433.1). The peptide sequence used for immunogen is highly conserved between mammalian and inv ...

Reconstitution & Storage

Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.

Precautions

UNG / Uracil DNA Glycosylase Antibody (aa281-298) is for research use only and not for use in diagnostic or therapeutic procedures.

UNG / Uracil DNA Glycosylase Antibody (aa281-298) - 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

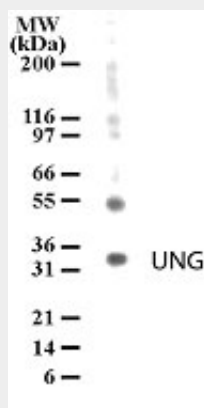
Isoform 1 is widely expressed with the highest expression in skeletal muscle, heart and testicles. Isoform 2 has the highest expression levels in tissues containing proliferating cells

UNG / Uracil DNA Glycosylase Antibody (aa281-298) - Protocols

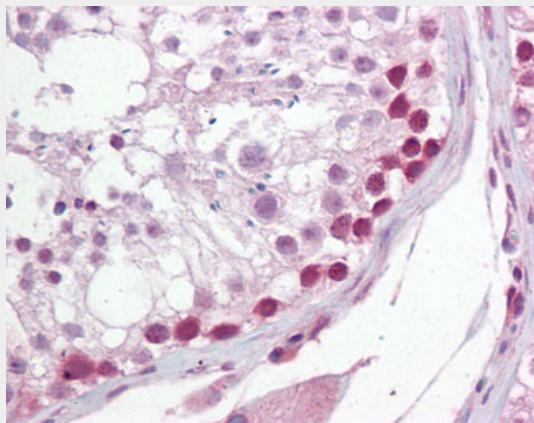
Provided below are standard protocols that you may find useful for product applications.

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

UNG / Uracil DNA Glycosylase Antibody (aa281-298) - Images



Western blot of UNG in HeLa cell lysate using antibody at 2 ug/ml.



Anti-UNG antibody IHC of human testis.

UNG / Uracil DNA Glycosylase Antibody (aa281-298) - 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 (aa281-298) - 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.