10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

UNG Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50664

Specification

UNG Antibody - Product Information

Application	**WB**
Primary Accession	P13051
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**35 34 KDa**
Antigen Region	**215-244**

UNG Antibody - Additional Information

Gene ID 7374

Other Names
Uracil-DNA glycosylase {ECO:0000255|HAMAP-Rule:MF_03166}, UDG {ECO:0000255|HAMAP-Rule:MF_03166}, 32227 {ECO:0000255|HAMAP-Rule:MF_03166}, UNG {ECO:0000255|HAMAP-Rule:MF_03166}

Dilution
WB~~1:1000

Format
Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions
-20℃

UNG Antibody - 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

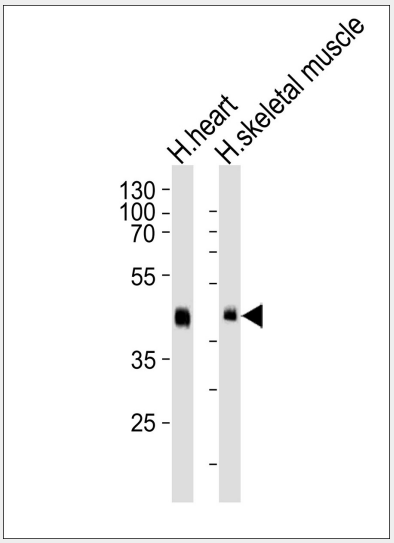
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UNG Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

UNG Antibody - Images



Western blot analysis of lysates from human heart and skeletal muscle tissue lysate (from left to right),using UNG Antibody(AP50664). AP50664 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.

UNG Antibody - 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 Antibody - 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).
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