

# Anti-UDG Antibody

## ER65261



<b>Product Type:</b>	Rabbit polyclonal IgG, primary antibodies
<b>Species reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	WB, IHC-P
<b>Molecular Wt:</b>	35 kDa

**Description:** This gene encodes one of several uracil-DNA glycosylases. One important function of uracil-DNA glycosylases is to prevent mutagenesis by eliminating uracil from DNA molecules by cleaving the N-glycosylic bond and initiating the base-excision repair (BER) pathway. Uracil bases occur from cytosine deamination or misincorporation of dUMP residues. Alternative promoter usage and splicing of this gene leads to two different isoforms: the mitochondrial UNG1 and the nuclear UNG2. The UNG2 term was used as a previous symbol for the CCNO gene (GeneID 10309), which has been confused with this gene, in the literature and some databases.

**Immunogen:** The antiserum was produced against synthesized peptide derived from human UNG. AA range: 191-240

**Positive control:** Epithelium, Hippocampus, Placenta, Uterus,

**Database links:** SwissProt: P13051 Human

### Recommended Dilutions:

<b>WB</b>	1:500-1:2000
<b>IHC-P</b>	1:100-1:300

**Storage Buffer:** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Storage Instruction:** Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

**Purity:** Immunogen affinity purified.

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Orders: 0086-571-88062880

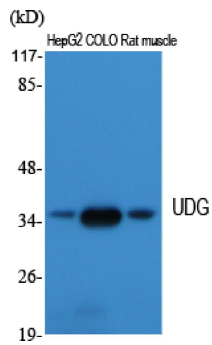
Technical: 0086-571-89986345

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## Images



**Fig1:** Western Blot analysis of HepG2 cell, COLO205 cells and Rat muscle tissue lysate using UDG Polyclonal Antibody. Secondary antibody(catalog#:HA1001) was diluted at 1:20,000.

**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".