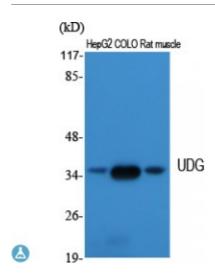


## **Anti-UDG** antibody



**Description** Rabbit polyclonal to UDG.

Model STJ96180

**Host** Rabbit

**Reactivity** Human, Mouse, Rat

**Applications** ELISA, IHC, WB

Immunogen Synthesized peptide derived from human UDG

Immunogen Region 160-240 aa, Internal

**Gene ID** <u>7374</u>

Gene Symbol UNG

**Dilution range** WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000

**Specificity** UDG Polyclonal Antibody detects endogenous levels of UDG protein.

**Tissue Specificity** 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.

**Purification** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Note** For Research Use Only (RUO).

Protein Name Uracil-DNA glycosylase UDG

Molecular Weight 35 kDa

**Clonality** Polyclonal

**Conjugation** Unconjugated

**Isotype** IgG

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

**Concentration** 1 mg/ml

**Storage Instruction** Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:12572OMIM:191525</u>

Alternative Names Uracil-DNA glycosylase UDG

**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 Localization** Isoform 1: Mitochondrion.. Isoform 2: Nucleus.

**Post-translational** 

**Modifications** 

Isoform 1 is processed by cleavage of a transit peptide.

St John's Laboratory Ltd

**F** +44 (0)207 681 2580

T +44 (0)208 223 3081

W http://www.stjohnslabs.com/

E info@stjohnslabs.com