

Anti-UNG Polyclonal Antibody

Cat: AC51440

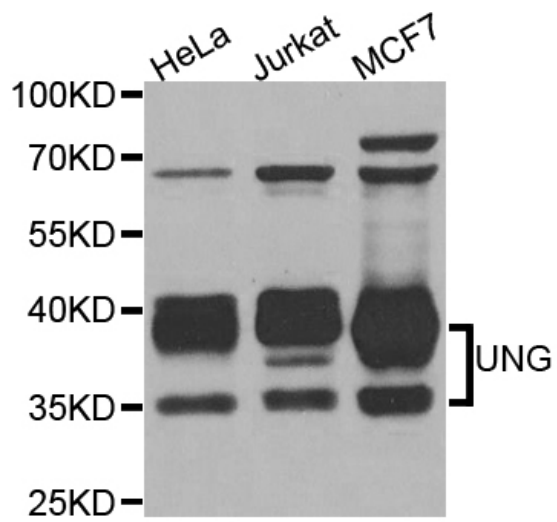
Summary:

- 【Product name】** : Anti-UNG antibody **【Source】** : Rabbit
【Isotype】 : IgG **【Species reactivity】** : Human Mouse
【Swiss Prot】 : P13051 **【Gene ID】** : 7374
【Calculated】 : MW:35kDa **【Observed】** : MW:35-40kDa
【Purification】 : Affinity purification
【Tested applications】 : WB, IHC
【Recommended dilution】 : WB 1:1000-2000. IHC 1:50-100.
【WB Positive sample】 : HeLa, Jurkat, MCF7
【IHC Positive sample】 : Human stomach tissue
【Subcellular location】 : Mitochondrion Nucleus
【Immunogen】 : Recombinant protein of human UNG
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

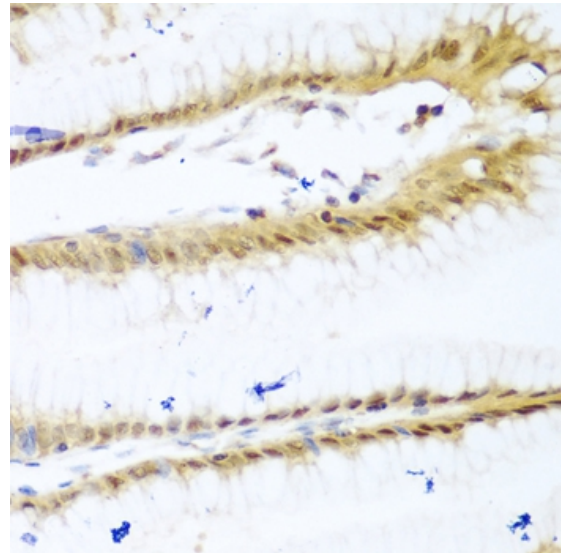
Background:

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.

Verified picture



Western blot analysis with UNG antibody diluted at 1:1000



Immunohistochemistry of paraffin-embedded Human stomach tissue with UNG antibody diluted at 1:100