

Product datasheet for **TA890059M**

UNG Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human UNG
Formulation:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	2.89mg/ml
Purification:	Purified from the immunized serum by affinity chromatography (Protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	34.5 kDa
Gene Name:	uracil DNA glycosylase
Database Link:	NP_550433 Entrez Gene 22256 Mouse Entrez Gene 304577 Rat Entrez Gene 7374 Human P13051

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. [provided by RefSeq, Nov 2010]

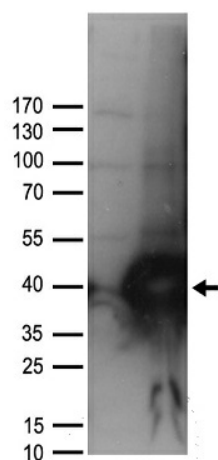
Synonyms: DGU; HIGM4; HIGM5; UDG; UNG1; UNG2; UNG15


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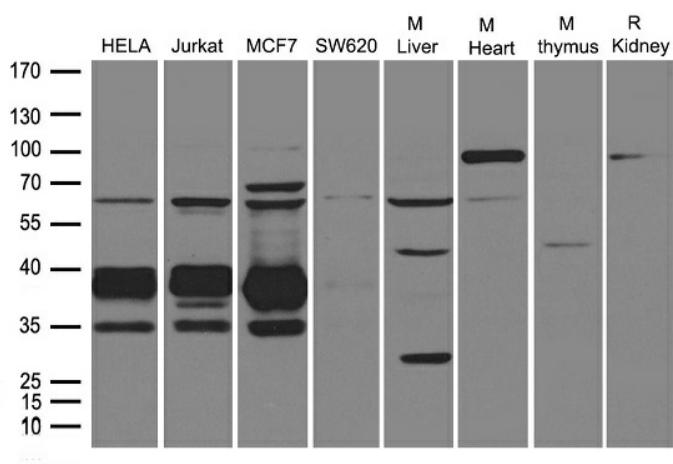
Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: Base excision repair, Primary immunodeficiency

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY UNG ([RC222868], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-UNG rabbit. Positive lysates [LY408998] (100ug) and [LC408998] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from different cell lines or tissues by using anti-UNG rabbit polyclonal antibody ([TA890059]).