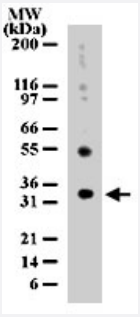
UNG polyclonal antibody

Catalog # PAB0194 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of UNG in HeLa cell lysate with using UNG polyclonal antibody (Cat # PAB0194) at 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of UNG.
Immunogen	A mixture of synthetic peptides corresponding to amino acids 281-298 of human UNG1 and amino a cids 290-307 of human UNG2.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — UNG

Entrez GeneID	7374
Gene Name	UNG
Gene Alias	DGU, DKFZp781L1143, HIGM4, UDG, UNG1, UNG15, UNG2
Gene Description	uracil-DNA glycosylase
Omim ID	191525 608106
Gene Ontology	Hyperlink
Gene Summary	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 spli cing of this gene leads to two different isoforms: the mitochondrial UNG1 and the nuclear UNG2. [provided by RefSeq
Other Designations	uracil-DNA glycosylase 1, uracil-DNA glycosylase 2|uracil-DNA glycosylase 2

Pathway

- Base excision repair
- Primary immunodeficiency

Disease

- Breast cancer
- DNA Damage
- Genetic Predisposition to Disease

- Graft vs Host Disease
- Immunologic Deficiency Syndromes
- Meningeal Neoplasms
- Meningioma
- Prostatic Neoplasms
- Severe Combined Immunodeficiency
- Urinary Bladder Neoplasms
- Werner syndrome