

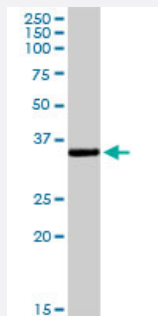
MaxPab®

UNG purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007374-D01P

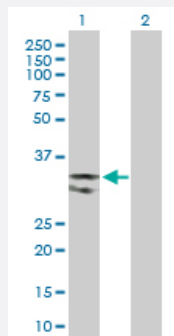
Size 100 ug

Applications



Western Blot (Tissue lysate)

UNG MaxPab rabbit polyclonal antibody. Western Blot analysis of UNG expression in mouse liver.



Western Blot (Transfected lysate)

Western Blot analysis of UNG expression in transfected 293T cell line ([H00007374-T01](#)) by UNG MaxPab polyclonal antibody.

Lane 1: UNG transfected lysate(33.90 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human UNG protein.

Immunogen

UNG (NP_003353.1, 1 a.a. ~ 304 a.a) full-length human protein.

Sequence

MGVFCLGPWGLGRKLRTPGKGPLQLLSRLCGDHLQAIPAKKAPAGQEEPSTPPSSPLSAEQLD
RIQRNKAALLRLAARNVPVGFGEWKKHLSGEFGKPYFIKLMGFVAEERKHHTVYPPPHQVFTW
TQMCDIKDVKVVILGQDPYHGPNAHGLCFVQRPVPPPSLENYKELSTDIEDFVHPGHGDL
GWAKQGVLLNAVLTVRAHQANSHKERGWEQFTDAVVSWLNQNSNGLVFLWGSYAQKKGSAI
DRKRHHVLQTAHPSPLSVYRGFFGCRHFSKTNELLQKSGKKPIDWKEL

Host

Rabbit

Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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Gene Info — UNG

Entrez GeneID	7374
GeneBank Accession#	NM_003362
Protein Accession#	NP_003353.1
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 splicing 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](#)