

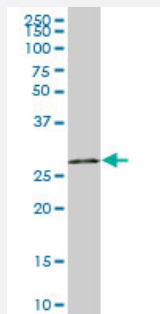
MaxPab®

UNG purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007374-B01P

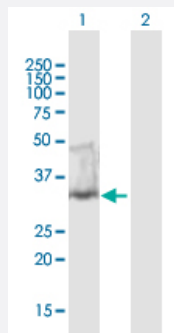
Size 50 ug

Applications



Western Blot (Tissue lysate)

UNG MaxPab polyclonal antibody. Western Blot analysis of UNG expression in human placenta.

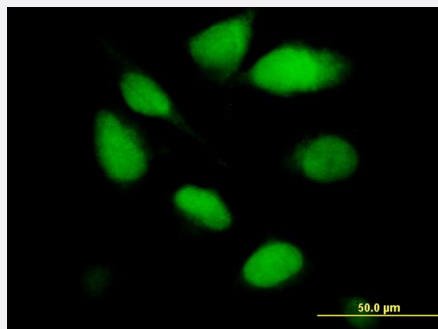


Western Blot (Transfected lysate)

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

Lane 1: UNG transfected lysate(33.44 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to UNG on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse 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 RIQRNKAALLRLAARNVPVGFGESWKKHLSGEFGKPYFIKLMGFVAEERKHHTVYPPPHQVFTW TQMCDIKDVKVVLGQDPYHGPNQAHGLCFVQRPVPPPPSLENIYKELSTDIEDFVHPGHGDL GWAKQGVLLLLNAVLTVRAHQANSHKERGWEEQFTDAVVSWLNQNSNGLVFLWGSYAQKKGSAI DRKRHHVLQTAHPSPLSVYRGFFGCRHFSKTNELLQKSGKKPIDWKEL
Host	Mouse
Reactivity	Human
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.

Applications

- Western Blot (Tissue lysate)

UNG MaxPab polyclonal antibody. Western Blot analysis of UNG expression in human placenta.

[Protocol Download](#)

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

Lane 1: UNG transfected lysate(33.44 KDa).

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of [purified](#) MaxPab antibody to UNG on HeLa cell. [antibody concentration 10 ug/ml]

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

Publication Reference

- [The Cullin-RING E3 Ubiquitin Ligase CRL4-DCAF1 Complex Dimerizes via a Short Helical Region in DCAF1.](#)

Ahn J, Novince Z, Concel J, Byeon CH, Makhov AM, Byeon IJ, Zhang P, Gronenborn AM.

Biochemistry 2011 Mar; 50(8):1359.

Application: WB, Recombinant protein

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](#)