

For Research Use Only

UNG Recombinant monoclonal antibody, PBS Only

Catalog Number: 86880-6-PBS



Basic Information

Catalog Number:

86880-6-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3072

GenBank Accession Number:

BC015205

GeneID (NCBI):

7374

UNIPROT ID:

P13051

Full Name:

uracil-DNA glycosylase

Calculated MW:

304 aa, 34 kDa

Observed MW:

28 kDa, 34-40 kDa

Purification Method:

Protein A purification

CloneNo.:

251858B3

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

UNG(Uracil-DNA glycosylase) removes uracil in DNA resulting from deamination of cytosine or replicative incorporation of dUMP instead of dTMP. Thus, UNG plays a role in suppressing GC-to-AT transition mutations. The UNG gene encodes 2 isoforms that are individually targeted to the mitochondria and the nucleus(PMID:12369930). Defects in UNG are a cause of immunodeficiency with hyper-IgM type 5 (HIGM5).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

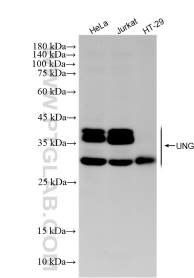
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86880-6-RR (UNG antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86880-6-PBS in a different storage buffer formulation.