

For Research Use Only

CoraLite® Plus 488-conjugated UNG Polyclonal antibody

Catalog Number:CL488-12394



Basic Information

Catalog Number: CL488-12394	GenBank Accession Number: BC015205	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7374	Recommended Dilutions: IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: P13051	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: uracil-DNA glycosylase	
Immunogen Catalog Number: AG3072	Calculated MW: 304 aa, 34 kDa	
	Observed MW: 28 kDa, 34-40 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human, mouse, rat	

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 -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 UNG antibody (CL488-12394) at dilution of 1:200, CL594-Phalloidin (red).