

DUS2L Polyclonal antibody

Catalog Number: 27184-1-AP

Basic Information

Catalog Number:

27184-1-AP

Size:

150ul

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23831

GenBank Accession Number:

BC006527

GeneID (NCBI):

54920

UNIPROT ID:

Q9NX74

Full Name:

dihydrouridine synthase 2-like, SMM1
homolog (S. cerevisiae)

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total
protein lysate
IHC 1:50-1:500

Applications

Tested Applications:

IP, IHC, ELISA

Species Specificity:

human

Positive Controls:

IP : HepG2 cells,

IHC : human liver tissue,

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Background Information

Dihydrouridine synthase 2(DUS2L), is a cytoplasmic protein that catalyzes the conversion of uridine residues to dihydrouridine in the D-loop of tRNA. transfection of DUS2 cDNA into a human lung carcinoma cell line increased dihydrouridine in tRNA, whereas transfection of DUS2 small interfering RNA (siRNA) reduced tRNA-dihydrouridine, confirming that DUS2 has dihydrouridine synthase activity.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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

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