

# DUS2L Polyclonal antibody

Catalog Number: 27184-1-AP

## Basic Information

**Catalog Number:**

27184-1-AP

**Size:**

N/A

**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:**

IHC, IP, 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

