

For Research Use Only

DUS2L Recombinant antibody

Catalog Number: 83265-7-RR



Basic Information

Catalog Number:

83265-7-RR

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

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)

Observed MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

240192G8

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HepG2 cells, HEK-293 cells, A431 cells, HeLa cells

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

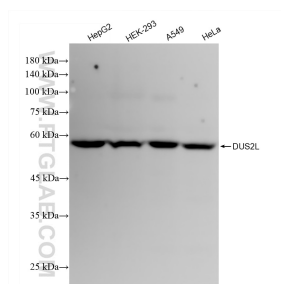
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

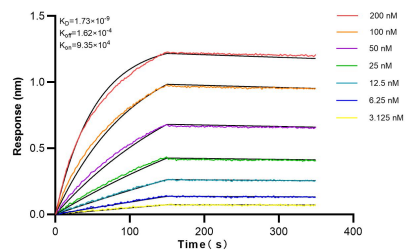
E: proteintech@ptglab.com
W: ptglab.com

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 83265-7-RR (DUS2L antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83265-7-RR against Human DUS2L were performed. The affinity constant is 1.93 nM.