

For Research Use Only

UTP11L Polyclonal antibody

Catalog Number:31935-1-AP



Basic Information

Catalog Number:

31935-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36182

GenBank Accession Number:

BC005182

GeneID (NCBI):

51118

UNIPROT ID:

Q9Y3A2

Full Name:

UTP11-like, U3 small nucleolar ribonucleoprotein, (yeast)

Observed MW:

30 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:2000-1:16000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, K-562 cells

Background Information

UTP11L is a nucleolar protein and a key component of the U3 small nucleolar ribonucleoprotein (U3 snoRNP). It primarily participates in the processing of ribosomal RNA (rRNA) precursors, playing a critical role in the maturation of 18S rRNA and the assembly of the 40S small ribosomal subunit. As a core regulator of ribosome biogenesis, UTP11L maintains the stability of the rRNA processing complex by interacting with other members of the UTP protein complex. Studies have shown that dysregulation of UTP11L expression is closely associated with abnormal cell proliferation. Its upregulation has been observed in various tumors, such as hepatocellular carcinoma, and may promote tumor progression by affecting ribosome production. Currently, UTP11L is considered a potential tumor biomarker, and the specific molecular mechanisms by which it functions in ribosome biogenesis remain an important focus in cell biology research.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

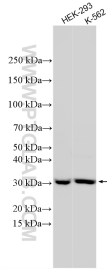
T: 4006900926

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 31935-1-AP (UTP11L antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.