

For Research Use Only

UTP11L Polyclonal antibody

Catalog Number:31935-1-AP



Basic Information

Catalog Number: 31935-1-AP	GenBank Accession Number: BC005182	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 620 ug/ml by Nanodrop;	GeneID (NCBI): 51118	Recommended Dilutions: WB: 1:2000-1:16000
Source: Rabbit	UNIPROT ID: Q9Y3A2	
Isotype: IgG	Full Name: UTP11-like, U3 small nucleolar ribonucleoprotein, (yeast)	
Immunogen Catalog Number: AG36182	Observed MW: 30 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, K-562 cells
Species Specificity: human	

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

*** 20ul sizes contain 0.1% BSA

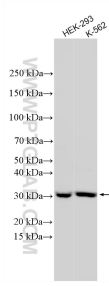
For technical support and original validation data for this product please contact:

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

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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.