

For Research Use Only

UTP18 Polyclonal antibody, PBS Only

Catalog Number: 31055-1-PBS

Featured Product



Basic Information

Catalog Number:

31055-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34662

GenBank Accession Number:

NM_016001

GeneID (NCBI):

51096

UNIPROT ID:

Q9Y5J1

Full Name:

UTP18, small subunit (SSU)
processome component, homolog
(yeast)

Calculated MW:

62 kDa

Observed MW:

62 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

UTP18 (UTP18 small subunit processome component), also known as WDR50. It is expected to be located in nucleus. The protein is one part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome. Involved in nucleolar processing of pre-18S ribosomal RNA. The calculated molecular weight of UTP18 is 62 kDa.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

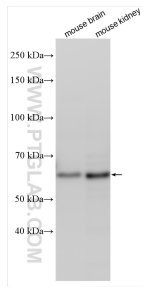
T: 4006900926

E: Proteintech-CN@ptglab.com

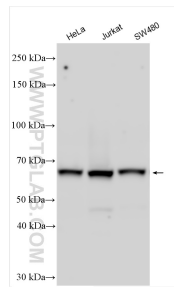
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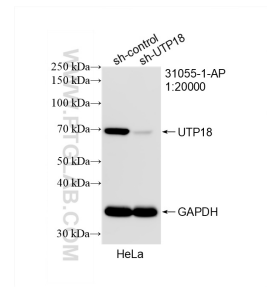
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31055-1-AP (UTP18 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31055-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 31055-1-AP (UTP18 antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31055-1-PBS in a different storage buffer formulation.



WB result of UTP18 antibody (31055-1-AP; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-UTP18 transfected HeLa cells. This data was developed using the same antibody clone with 31055-1-PBS in a different storage buffer formulation.