

For Research Use Only

TRMT61A Polyclonal antibody

Catalog Number: 31169-1-AP

Featured Product



Basic Information

Catalog Number:

31169-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34396

GenBank Accession Number:

BC010167

GeneID (NCBI):

115708

UNIPROT ID:

Q96FX7

Full Name:

tRNA methyltransferase 61 homolog
A (S. cerevisiae)

Observed MW:

30-35 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : 5637 cells, RAW 264.7 cells, MCF-7 cells, U-251 cells

Background Information

N1-methyladenosine (m1A) is an important posttranscriptional modification and occurs throughout the tRNA structure. m1A at position 58 (m1A58) is the predominant m1A modification of cytoplasmic tRNA in eukaryotic cells. The formation of m1A58 on cytoplasmic tRNAs is mediated by the methyltransferase complex TRMT6/TRMT61A, in which TRMT61A functions as the catalytic subunit and TRMT6 is responsible for tRNA binding.

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

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

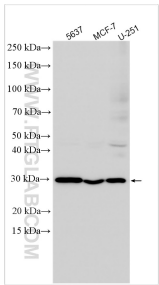
T: 4006900926

E: Proteintech-CN@ptglab.com

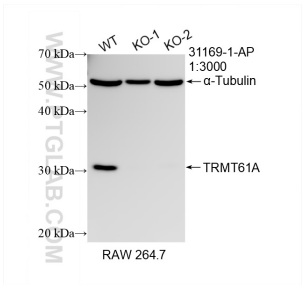
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31169-1-AP (TRMT61A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of TRMT61A antibody (31169-1-AP; 1:3000; room temperature for 1.5 hours) with wild-type and TRMT61A knockout RAW 264.7 cells.