

For Research Use Only

# TRMT61A Polyclonal antibody

Catalog Number: 31169-1-AP



## Basic Information

### Catalog Number:

31169-1-AP

### Size:

150ul , Concentration: 450 ug/ml by Nanodrop;

### 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

### Positive Controls:

WB : 5637 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

\*\*\* 20ul sizes contain 0.1% BSA

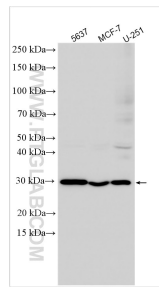
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## Selected Validation Data



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.