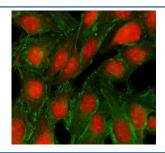


# TRMT5 Antibody / tRNA methyltransferase 5 (RQ7568)

Catalog No.	Formulation	Size
RQ7568	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q32P41
Localization	Nuclear, cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This TRMT5 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with TRMT5 antibody (red) and Tubulin Alpha mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human MCF7 cell lysate with TRMT5 antibody. Predicted molecular weight ~58 kDa, commonly observed at 50-60 kDa.

### **Description**

tRNAs contain as many as 13 or 14 nucleotides that are modified posttranscriptionally by enzymes that are highly specific for particular nucleotides in the tRNA structure. TRMT5 methylates the N1 position of guanosine-37 (G37) in selected tRNAs using S-adenosyl methionine.

#### **Application Notes**

Optimal dilution of the TRMT5 antibody should be determined by the researcher.

#### **Immunogen**

E. coli-derived recombinant human protein (amino acids R291-E501) was used as the immunogen for the TRMT5 antibody.

#### **Storage**

After reconstitution, the TRMT5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.