

## CTU1 polyclonal antibody

Catalog: BS67204

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

Plays a central role in 2-thiolation of mcm5S2U at tRNA wobble positions of tRNA(Lys), tRNA(Glu) and tRNA(Gln). Directly binds tRNAs and probably acts by catalyzing adenylation of tRNAs, an intermediate required for 2-thiolation. It is unclear whether it acts as a sulfurtransferase that transfers sulfur from thiocarboxylated URM1 onto the uridine of tRNAs at wobble position.

### Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

### Molecular Weight:

~ 36 kDa

### Swiss-Prot:

Q7Z7A3

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 165% (by SDS-PAGE).

### Applications:

WB (1/500 - 1/1000)

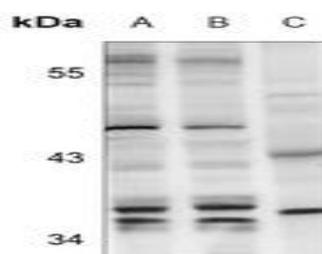
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Recognizes endogenous levels of CTU1 protein.

### DATA:



Western blot analysis of CTU1 expression in HEK293T (A), PC3 (B), mouse brain (C) whole cell lysates.

### Note:

For research use only, not for use in diagnostic procedure.

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