

## NSUN3 polyclonal antibody

Catalog: BS75075

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Mitochondrial tRNA methyltransferase that mediates methylation of cytosine to 5-methylcytosine (m5C at position 34 of mt-tRNA(Met. mt-tRNA(Met methylation at cytosine(34 takes place at the wobble position of the anticodon and initiates the formation of 5-formylcytosine (f5c at this position. mt-tRNA(Met containing the f5c modification at the wobble position enables recognition of the AUA codon in addition to the AUG codon, expanding codon recognition in mitochondrial translation.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

38kDa

### Swiss-Prot:

Q9H649

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB, 1:500 - 1:2000

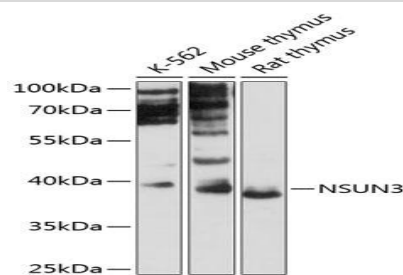
### Storage&Stability:

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

### Modification:

Unmodification

### DATA:



Western blot analysis of extracts of various cell lines, using NSUN3 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

### Note:

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

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