

## Catalog #: 52769

### Aliases

PUS1; Pseudouridine Synthase 1; TRNA Pseudouridine(38-40) Synthase; MLASA1; Pseudouridylate Synthase 1 Homolog; TRNA Pseudouridylate Synthase I; TRNA Pseudouridine Synthase 1; Pseudouridylate Synthase 1; Mitochondrial Myopathy And Sideroblastic Anemia 1; TRNA Pseudouridine Synthase A, Mitochondrial; Mitochondrial TRNA Pseudouridine Synthase A; TRNA Uridine Isomerase I; TRNA-Uridine Isomerase I; EC 5.4.99.12; EC 5.4.99.-

### Background

Gene Name: PUS1

NCBI Gene Entry: [80324](#)

UniProt Entry: [Q9Y606](#)

### Application Information

Molecular Weight: Predicted, 47 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB)

### Immunogen

A synthesized peptide derived from human PUS1

### Isotype

Rabbit IgG

### Storage Buffer

Supplied in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:500-1:2,000

**Note:** This product is for research use only.

### Validation Data

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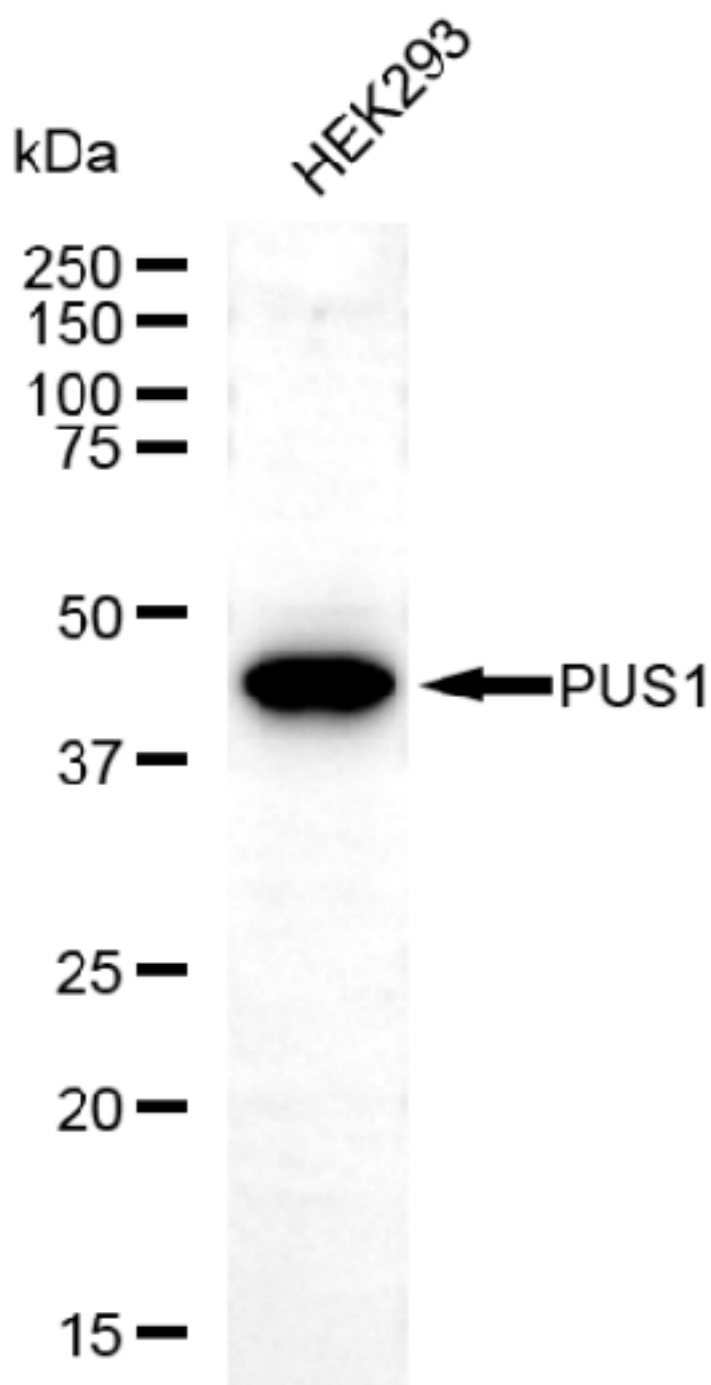
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Western blotting analysis using anti-PUS1 antibody (Cat#52769). Total lysates (30  $\mu$ g) were loaded and separated by SDS-PAGE. The blot was incubated with anti-PUS1 antibody (Cat#52769, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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