

RPUSD4 Rabbit pAb

Catalog No.: A15538

Basic Information

Observed MW

45kDa

Calculated MW

42kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

Enables mitochondrial ribosomal large subunit rRNA binding activity; pseudouridine synthase activity; and tRNA binding activity. Involved in mitochondrial tRNA pseudouridine synthesis and positive regulation of mitochondrial translation. Located in mitochondrion; nucleoplasm; and ribonucleoprotein granule.

Recommended Dilutions

WB 1:200 - 1:2000

Immunogen Information

Gene ID

84881

Swiss Prot

Q96CM3

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-377 of human RPUSD4 (NP_116184.2).

Synonyms

RPUSD4

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

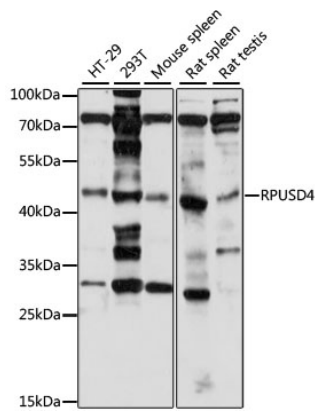
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using RPUSD4 Rabbit pAb (A15538) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90S.