

PUS10 Rabbit pAb

Catalog No.: A15962

Basic Information

Observed MW

60kDa

Calculated MW

60kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse, Rat

Background

Pseudouridination, the isomerization of uridine to pseudouridine, is the most common posttranscriptional nucleotide modification found in RNA and is essential for biologic functions such as spliceosome biogenesis. Pseudouridylate synthases, such as PUS10, catalyze pseudouridination of structural RNAs, including transfer, ribosomal, and splicing RNAs. These enzymes also act as RNA chaperones, facilitating the correct folding and assembly of tRNAs (McCleverty et al., 2007 [PubMed 1790615]).

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

150962

Swiss Prot

Q3MIT2

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 290-529 of human PUS10 (NP_653310.2).

Synonyms

DOBI; Hup10; CCDC139; PUS10

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

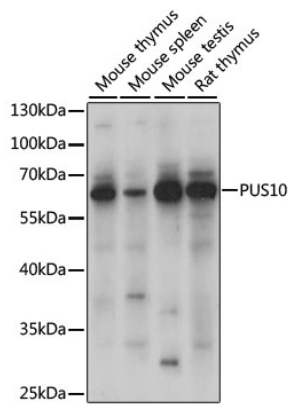
Affinity purification

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 PUS10 Rabbit pAb (A15962) at 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: 10s.