

A15962

Leader in Biomolecular Solutions for Life Science



# PUS10 Rabbit pAb

Catalog No.: A15962

## Basic Information

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### Observed MW

60kDa

### Calculated MW

60kDa

### Category

Polyclonal Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Mouse,Rat

## Background

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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 17900615]).

## Recommended Dilutions

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WB 1:500 - 1:2000

## Immunogen Information

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### 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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[www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

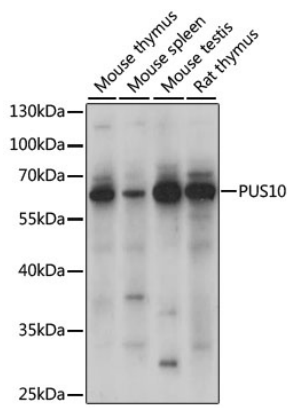
### Storage

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

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

## Validation Data

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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.