# PUS10 Rabbit Polyclonal Antibody

**CAB15962**

## Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

60kDa

**Calculated MW:**

60kDa

**Applications:**

WB

**Reactivity:**

Mouse, Rat

## Protein 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 17900615]).

## Immunogen information

**Gene ID:**
150962

**Uniprot**
Q3MIT2

**Synonyms:**
PUS10; CCDC139; DOBI

## Antibody Information

**Recommended dilutions:**
WB 1:500 - 1:2000

**Source:**
Rabbit

**Isotype:**
IgG

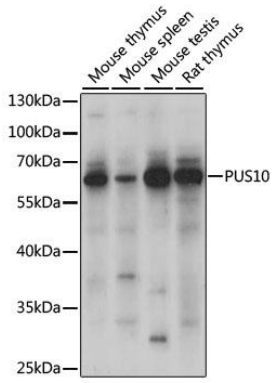
**Purification:**
Affinity purification

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

**Storage:**
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Product Images**




Western blot analysis of extracts of various cell lines, using PUS10 antibody (CAB15962) at 1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.