

# Timeless Rabbit mAb

Catalog No.: A0512 **Recombinant**

## Basic Information

### Observed MW

150kDa

### Calculated MW

139kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

### CloneNo number

ARC1827

## Background

The protein encoded by this gene is highly conserved and is involved in cell survival after damage or stress, increase in DNA polymerase epsilon activity, maintenance of telomere length, and epithelial cell morphogenesis. The encoded protein also plays a role in the circadian rhythm autoregulatory loop, interacting with the PERIOD genes (PER1, PER2, and PER3) and others to downregulate activation of PER1 by CLOCK/ARNTL. Changes in this gene or its expression may promote prostate cancer, lung cancer, breast cancer, and mental disorders.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

8914

### Swiss Prot

Q9UNS1

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1058-1208 of human Timeless (Q9UNS1).

### Synonyms

TIM; TIM1; hTIM; FASPS4; Timeless

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

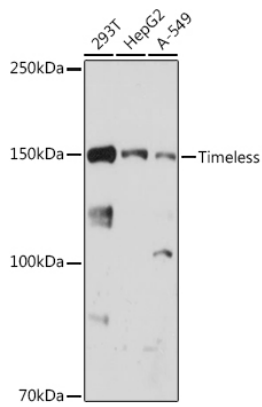
### Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using Timeless Rabbit mAb (A0512) 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: 30s.