

# ZSCAN4C Rabbit pAb

Catalog No.: A10205

## Basic Information

### Observed MW

57kDa

### Calculated MW

57kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Mouse

## Background

Predicted to enable DNA-binding transcription factor activity, RNA polymerase II-specific and RNA polymerase II cis-regulatory region sequence-specific DNA binding activity. Acts upstream of or within negative regulation of mitotic recombination; regulation of transcription by RNA polymerase II; and telomere maintenance via telomere lengthening. Located in chromosome, telomeric region; cytoplasm; and nucleus. Is expressed in 1-cell stage embryo; 2-cell stage embryo; primary oocyte; and secondary oocyte. Orthologous to human ZSCAN4 (zinc finger and SCAN domain containing 4).

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

245109

### Swiss Prot

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 400-506 of mouse ZSCAN4 (NP\_001013787.1).

### Synonyms

Gm397; Zscan4d; XM\_142517; ZSCAN4C

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

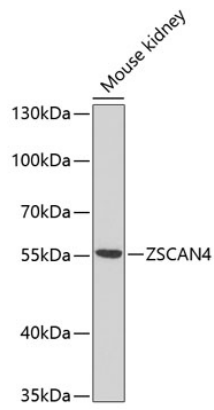
### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of mouse kidney, using ZSCAN4 antibody (A10205) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.