

# SOX9 Rabbit pAb

Catalog No.: A25021

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

56kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Rat

## Background

The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

6662

### Swiss Prot

P48436

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

CMD1; SRA1; CMPD1; SRXX2; SRXY10; SOX9

## 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 containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.