

## Recombinant SOX9 Monoclonal Antibody

catalog number: **E-AB-81607**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant protein of human SOX9
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R06-7C6
<b>Purification</b>	Affinity Purified
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

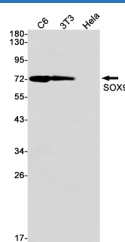
### Applications

**WB**

### Recommended Dilution

1:1000-1:2000

### Data



Western blot detection of SOX9 in C6,3T3,HeLa cell lysates  
using SOX9 Rabbit mAb(1:1000 diluted).Predicted band  
size:56kDa.Observed band size:70kDa.

**Observed-MV:70 kDa**

**Calculated-MV:56 kDa**

### Preparation & Storage

#### Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

#### Shipping

The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

### 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.

### For Research Use Only