



# SOX4 Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-06700
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	SOX4
<b>Protein Name</b>	Transcription factor SOX-4
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	SOX4 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	52kD
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	Testis, brain, and heart.
<b>Function</b>	function:Transcriptional activator that binds with high affinity to the T-cell enhancer motif 5'-AACAAAG-3' motif.,similarity:Contains 1 HMG box DNA-binding domain.,subunit:Interacts with UBE2I.,tissue specificity:Testis, brain, and heart.,
<b>Background</b>	SRX-box 4(SOX4) Homo sapiens This intronless gene encodes a member of the SOX (SRX-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins, such as syndecan binding protein (syntenin). The protein may function in the apoptosis pathway leading to cell death as well as to tumorigenesis and may mediate downstream effects of parathyroid hormone (PTH) and PTH-related protein (PTHrP) in bone development. The solution structure has been resolved for the HMG-box of a similar mouse protein. [provided by RefSeq, Jul 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**