SOX4 Monoclonal Antibody

Catalog No	YP-mAb-06700
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SOX4
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SOX4 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Transcription factor SOX-4;EVI16;CSS10;SOX4
Observed Band	47 kDa
Calculated Molecular Weight	474 aa, 47 kDa
Cell Pathway	Nucleus .
Tissue Specificity	Testis, brain, and heart.
Function	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.,
Background	SRY-box 4(SOX4) Homo sapiens This intronless gene encodes a member of the SOX (SRY-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

