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Product datasheet for TA808919M

SOX6 Mouse Monoclonal Antibody [Clone ID: OTI1E7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1E7
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-244 of human SOX6(NP_201583) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	89.6 kDa
Gene Name:	SRY-box 6
Database Link:	NP_201583 Entrez Gene 20679 MouseEntrez Gene 293165 RatEntrez Gene 55553 Human P35712

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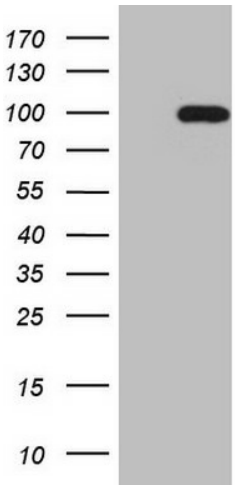
Background: This gene encodes a member of the D subfamily of sex determining region y-related transcription factors that are characterized by a conserved DNA-binding domain termed the high mobility group box and by their ability to bind the minor groove of DNA. The encoded protein is a transcriptional activator that is required for normal development of the central nervous system, chondrogenesis and maintenance of cardiac and skeletal muscle cells. The encoded protein interacts with other family members to cooperatively activate gene expression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2009]

Synonyms: HSSOX6; SOXD

Protein Families: Transcription Factors

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SOX6 ([RC212046], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SOX6 (1:2000). Positive lysates [LY403243] (100ug) and [LC403243] (20ug) can be purchased separately from OriGene.