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Product datasheet for CF800843

SATB2 Mouse Monoclonal Antibody [Clone ID: OTI7E11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI7E11
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 447-733 of human SATB2 (NP_056080) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
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:	82.4 kDa
Gene Name:	SATB homeobox 2
Database Link:	NP_056080 Entrez Gene 212712 MouseEntrez Gene 501145 RatEntrez Gene 23314 Human Q9UPW6
Synonyms:	GLSS
Protein Families:	Transcription Factors

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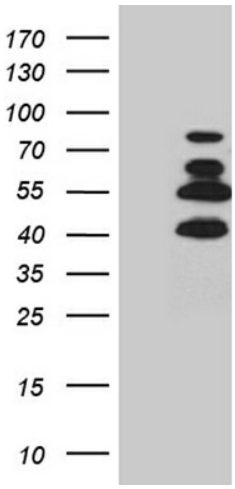
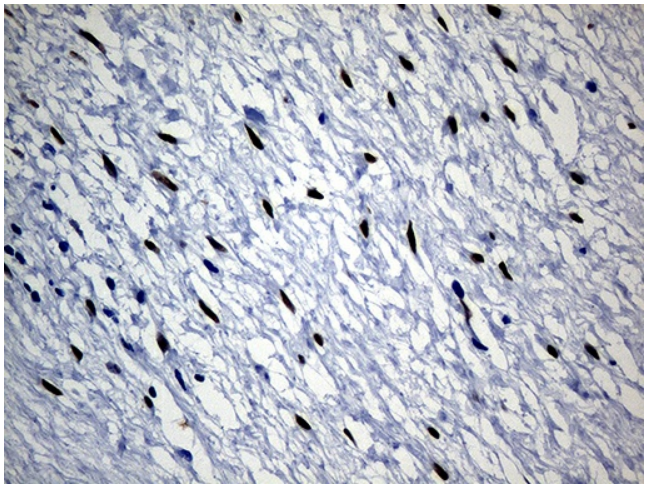
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SATB2 (Cat# [RC216909], 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-SATB2 (Cat# [TA800843])(1:2000). Positive lysates [LY414656] (100ug) and [LC414656] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human muscle tissue within the normal limits using anti-SATB2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA800843]) (1:150)