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Product datasheet for TA500523

SATB1 Mouse Monoclonal Antibody [Clone ID: OTI11H4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI11H4
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:50, IF 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full-length protein expressed in 293T cell transfected with human SATB1 expression vector
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.6 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:	86.0 kDa
Gene Name:	SATB homeobox 1
Database Link:	NP_002962 Entrez Gene 20230 MouseEntrez Gene 316164 RatEntrez Gene 6304 Human Q01826
Background:	The protein binds to DNA at special AT-rich sequences at nuclear matrix- or scaffold-associated regions. Thought to recognize the sugar-phosphate structure of double-stranded DNA.
Synonyms:	DNA-binding protein SATB1; SATB homeobox 1; scaffold-associating DNA's); special AT-rich sequence binding protein 1; special AT-rich sequence binding protein 1 (binds to nuclear matrix

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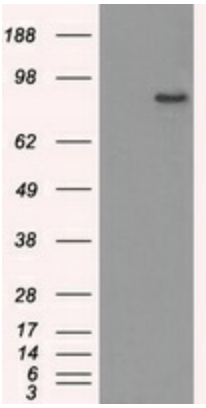
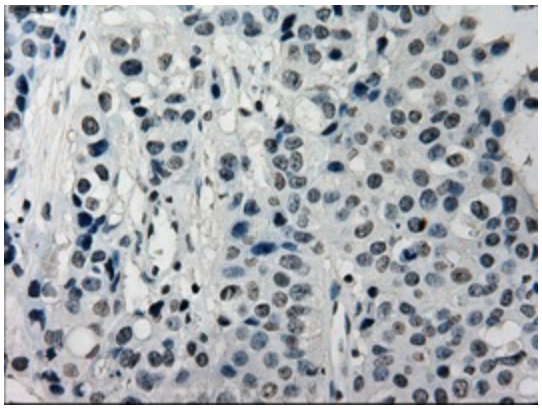
Protein Families: Druggable Genome, Transcription Factors

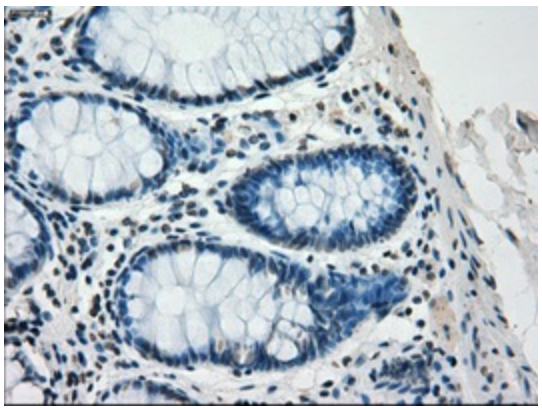
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SATB1 ([RC200421], 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-SATB1. Positive lysates [LY418976] (100ug) and [LC418976] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of breast tissue using anti-SATB1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500523, Dilution 1:50)



Immunohistochemical staining of paraffin-embedded colon tissue within the normal limits using anti-SATB1mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500523, Dilution 1:50)

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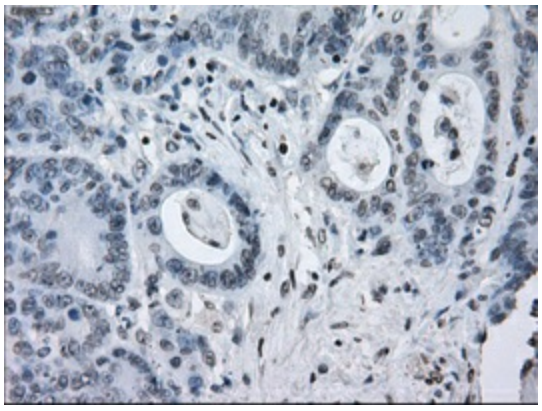
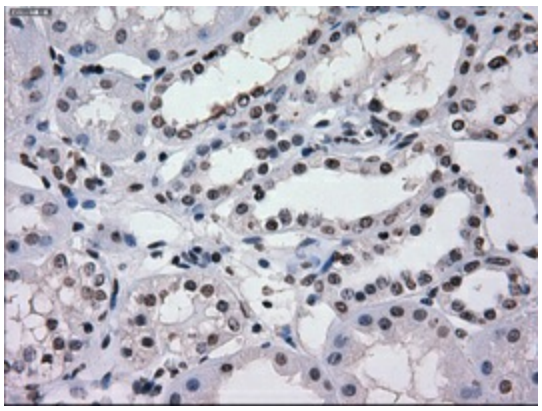
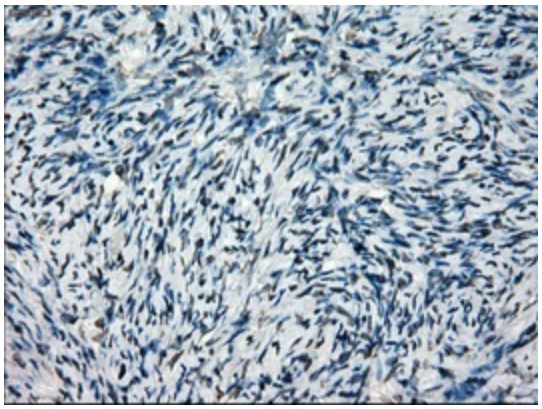


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of colon tissue using anti-SATB1mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500523, Dilution 1:50)



Immunohistochemical staining of paraffin-embedded Kidney tissue within the normal limits using anti-SATB1mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500523, Dilution 1:50)



Immunohistochemical staining of paraffin-embedded Ovary tissue within the normal limits using anti-SATB1mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500523, Dilution 1:50)

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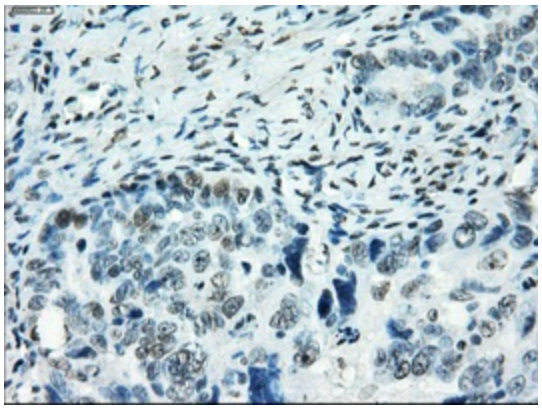
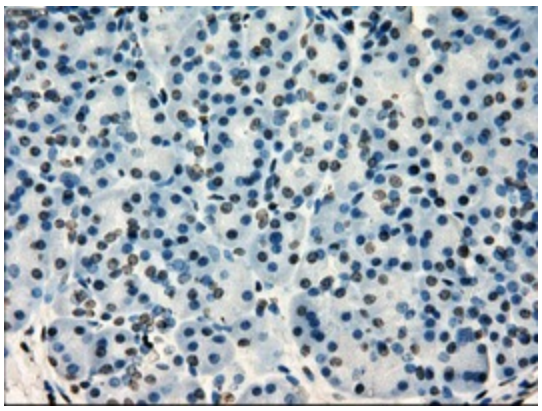
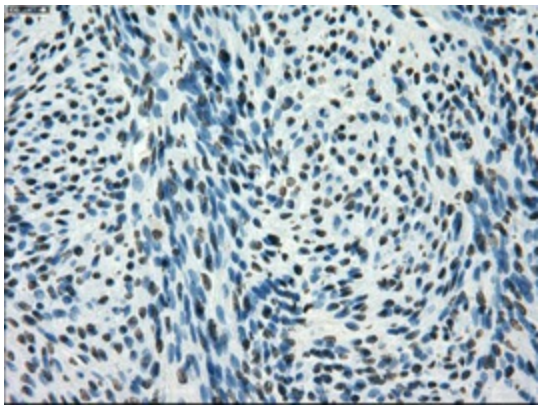


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of ovary tissue using anti-SATB1mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500523, Dilution 1:50)



Immunohistochemical staining of paraffin-embedded pancreas tissue within the normal limits using anti-SATB1mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500523, Dilution 1:50)



Immunohistochemical staining of paraffin-embedded endometrium tissue within the normal limits using anti-SATB1mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500523, Dilution 1:50)

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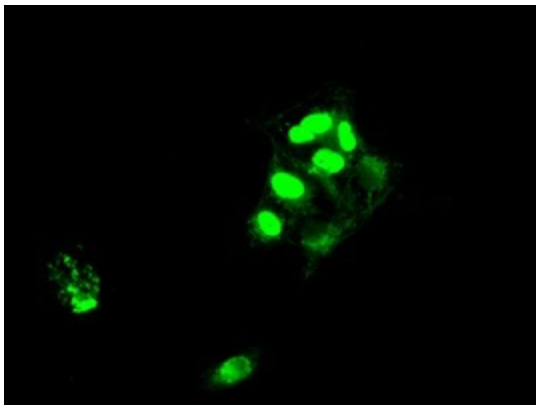

Anti-SATB1 mouse monoclonal antibody (TA500523) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SATB1 ([RC200421]).

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