

SATB1 Polyclonal Antibody

Product Details

Size	100 µg
Species Reactivity	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (ESDEENRQKTRPRT) corresponding to the internal amino acids of SATB1
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10980695

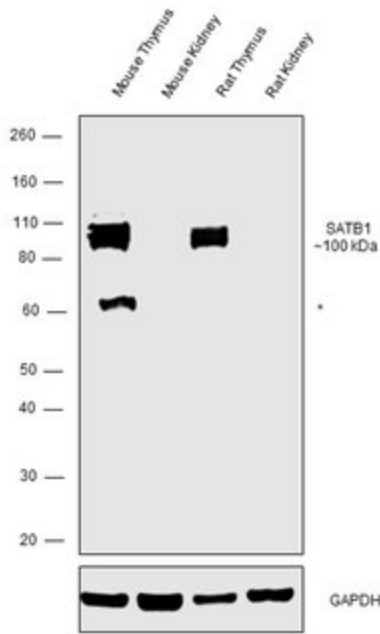
Applications	Tested Dilution	Publications
Western Blot (WB)	0.3-1 µg/mL	-
Immunohistochemistry (IHC)	3-5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	3-5 µg/mL	-

Product Specific Information

This antibody is predicted to react with bovine, mouse and rat based on sequence homology.

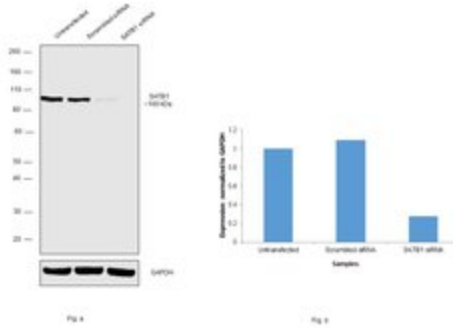
SATB1 Antibody (PA5-19148)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissues tested owing to their inherent genetic constitution. Relative expression of SATB1 was observed in Mouse and Rat Thymus in comparison to Mouse and Rat Kidney using Anti-SATB1 Polyclonal antibody (Product # PA5-19148) in Western Blot. An uncharacterized band (*) of ~60 kDa was also observed in Mouse Thymus tissue.. Relative expression validation info.



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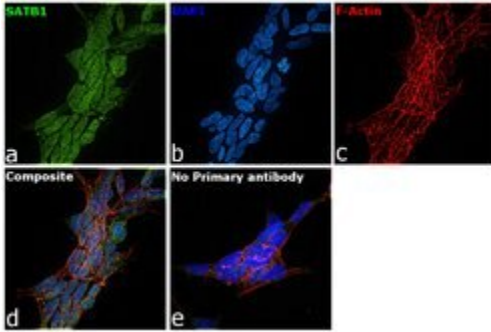
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. IMR-32 cells were transfected with SATB1 siRNA and a decrease in signal intensity was observed in western blot application using Anti-SATB1 Polyclonal Antibody (Product # PA5-19148). Knockdown validation info.



Product Images For SATB1 Polyclonal Antibody

SATB1 Antibody (PA5-19148) in IF

Immunofluorescence analysis of HUR was performed using 70% confluent log phase IMR-32 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with HUR Rabbit Polyclonal Antibody (Product # PA5-19148) at 5ug/ml in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Rabbit anti-Goat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 488 (Product # A-11078) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415). Panel d represents the merged image showing Nuclear localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



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