

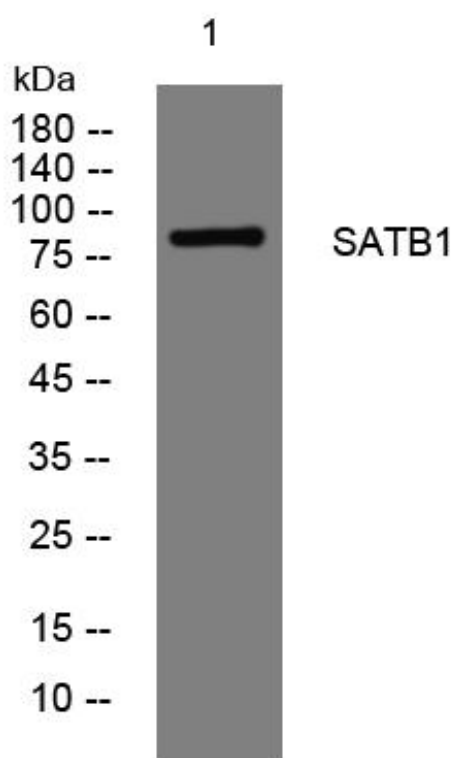


SATB1 mouse mAb

Catalog No	YP-mAb-08187
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	SATB1
Protein Name	SATB1
Immunogen	Synthesized peptide derived from human SATB1 AA range: 343-393
Specificity	This antibody detects endogenous levels of SATB1 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.302% 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	DNA-binding protein SATB1 (Special AT-rich sequence-binding protein 1)
Observed Band	85kD
Cell Pathway	Nucleus matrix . Nucleus, PML body . Organized into a cage-like network anchoring loops of heterochromatin and tethering specialized DNA sequences (PubMed:12692553). When sumoylated, localized in promyelocytic leukemia nuclear bodies (PML NBs) (PubMed:18408014). .
Tissue Specificity	Expressed predominantly in thymus.
Function	function: 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.,PTM: Sumoylated.,similarity: Belongs to the CUT homeobox family.,similarity: Contains 1 homeobox DNA-binding domain.,similarity: Contains 2 CUT DNA-binding domains.,tissue specificity: Expressed predominantly in thymus.,
Background	This gene encodes a matrix protein which binds nuclear matrix and scaffold-associating DNAs through a unique nuclear architecture. The protein recruits chromatin-remodeling factors in order to regulate chromatin structure and gene expression. [provided by RefSeq, Apr 2016],
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

Western Blot analysis of various cells using SATB1 mouse mAb