

Czech Republic Home HPA001042 - Anti-SATB2 antibody produced in rabbit

SIGMA-ALDRICH

HPA001042 SIGMA

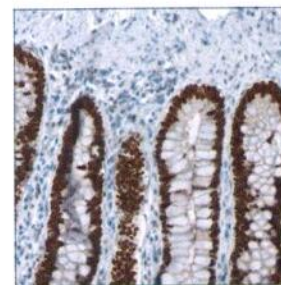
## Anti-SATB2 antibody produced in rabbit

Prestige Antibodies® Powered by Atlas Antibodies, affinity isolated antibody, buffered aqueous glycerol solution

Up to you: Anti-APAL3, Anti-PLJ21474, Anti-KIAA1034, Anti-KIAA1481, Anti-SATB homeobox 2, Anti-SHRM, Anti-Shrml

MSDS SIMILAR PRODUCTS

Human Protein Atlas Number HPA001042 [Human Protein Atlas characterization data](#)



### Properties

Related Categories	<a href="#">Alphabetical Index</a> , <a href="#">Antibodies</a> , <a href="#">Antibodies to Transcription Factors</a> , <a href="#">Epigenetics</a> , <a href="#">Prestige Antibodies</a> , <a href="#">More...</a>
species reactivity	human
application(s)	immunohistochemistry (formalin-fixed, paraffin-embedded sections): suitable indirect immunofluorescence: suitable
clone	polyclonal
antibody form	affinity isolated antibody
form	buffered aqueous glycerol solution
grade	Prestige Antibodies® Powered by Atlas Antibodies
immunogen sequence	VSQAVFARVAFNRTQGLLSELRKE EDPRTASQSLLVNLRAMQNFLNPE VERDRIYQDERERSMNPVSMVSSA SSSPSSSRTPQAKTSTPTDLPKIV DGANINITAAIYDEIQQEMKRAK
shipped in	wet ice
storage temp.	-20°C
Gene Information	human ... <a href="#">SATB2(23314)</a>

### Description

#### Immunogen

SATB homeobox 2 recombinant protein epitope signature tag (PrEST)

#### Physical form

Solution in phosphate-buffered saline, pH 7.2, containing 40% glycerol and 0.02% sodium azide.

#### Application

Anti-SATB2 antibody produced in rabbit, a Prestige Antibody, is developed and validated by the Human Protein Atlas (HPA) project ([www.proteinatlas.org](http://www.proteinatlas.org)). Each antibody is tested by immunohistochemistry against hundreds of normal and disease tissues. These images can be viewed on the Human Protein Atlas (HPA) site by clicking on the Image Gallery link. The antibodies are also tested using immunofluorescence and western blotting. To view these [protocols](#) and other useful information about Prestige Antibodies and the HPA, visit [sigma.com/prestige](http://sigma.com/prestige).

#### Legal Information

Prestige Antibodies is a registered trademark of Sigma-Aldrich Co. LLC

#### Features and Benefits

##### Antibody Bioguarantee

Evaluate our antibodies with complete peace of mind. If the antibody does not perform in your application, we will issue a full credit or replacement antibody. [Learn more.](#)

### Price and Availability

Price

SKU-Pack Size Availability (EUR/CZK) Quantity

HPA001042-100UL - FROM 9,315.00 0

Bulk orders?



## Anti-Rabbit 2° Antibody Best Sellers

Prod. No.	Conjugate	Secondary Antibody Description
A0545	HRP	Anti-Rabbit IgG (whole molecule)-Peroxidase
A3687	AP	Anti-Rabbit IgG (whole molecule)-Alkaline Phosphatase
F0382	FITC	Anti-Rabbit IgG (whole molecule)-FITC
B8895	Biotin	Anti-Rabbit IgG (whole molecule)-Biotin

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## Documents

### Safety Information

WGK Germany

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Bulk Quote-Order Product  
MSDS  
Specification Sheet

## Certificate of Analysis

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[Antibody Explorer](#)
[Compatible Secondary Abs](#)

[IHC Procedure \(80 KB\)](#)
[Protein Array Procedure \(79 KB\)](#)
[Similar Products](#)

Technical information & documentation associated with this product are available in the [Safety & Documentation](#) tab.

## Protocols

### Prestige Antibody Immunofluorescence Procedure

A large number of the Prestige Antibodies® have been used in subcellular localization studies by immunofluorescence (IF) staining of three cell lines: A-431, U-2 OS, and U-251MG. Each cell line is st...  
Keyw ords: Immunofluorescence, Immunostaining, Molecular probes, Sample preparations

### Prestige Antibody Immunohistochemistry Procedure

The Prestige Antibodies® are subjected to a standardized test procedure using specially designed tissue microarray (TMA) slides.  
Keyw ords: Buffers, Dehydration reaction, Hydration reaction, Immunostaining, Microarray Analysis, PAGE, Tissue microarrays

### Prestige Antibody Protein Array Procedure

The binding specificity of the purified Prestige Antibodies® is determined on protein arrays, using PREST protein fragments, to ensure high specificity toward its antigen and low background binding.  
Keyw ords: Microarray Analysis, Molecular probes

### Prestige Antibody Western Blot Procedure

Some Prestige Antibodies® are verified as primary reagents for Western blot analysis using the described procedure.  
Keyw ords: Catalytic combustion detector, Electrophoresis, Gene expression, Sample preparations, Western blot

## Related Content

### Antibody Explorer: Search over 60,000 Antibodies

As a leading supplier of antibodies, Sigma® Life Science is committed to providing researchers the antibody they need with the quality they deserve. Our Antibody Explorer Search Tool provides easy ac...  
Keyw ords: Buffers, Cell biology, Epigenetics, Immunohistochemistry, Immunoprecipitation, Molecular biology, Neuroscience, Western blot

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#### 1. From gene expression analysis to tissue microarrays: a rational approach to identify therapeutic and diagnostic targets in lymphoid malignancies.

Sara Ek et. al

Molecular & Cellular Proteomics, 5(6), 1072-1081 (2006)

Mantle cell lymphoma (MCL) is an aggressive lymphoid malignancy for which better treatment strategies are needed. To identify potential diagnostic and therapeutic targets, a signature consisting of MCL-associated genes was selected based on a compre...[Read More](#)

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#### 2. Extensive expression of craniofacial related homeobox genes in canine mammary sarcomas.

Helena Wensman et. al

Breast Cancer Research and Treatment, 118(2), 333-343 (2009)

The global gene expression in three types of canine mammary tumors: carcinoma, fibrosarcoma and osteosarcoma were investigated by Affymetrix gene array technology. Unsupervised clustering analysis revealed a close clustering of the respective tumor ...[Read More](#)

[read abstract](#)

#### 3. SATB2 in combination with cytokeratin 20 identifies over 95% of all colorectal carcinomas.

Kristina Magnusson et. al

The American Journal of Surgical Pathology, 35(7), 937-948 (2011)

The special AT-rich sequence-binding protein 2 (SATB2), a nuclear matrix-associated transcription factor and epigenetic regulator, was identified as a tissue type-specific protein when screening protein expression patterns in human normal and cancer...[Read More](#)

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