# SATB2 Polyclonal Antibody

**catalog number:** **E-AB-91620**

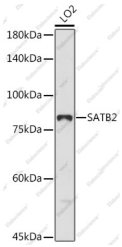
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

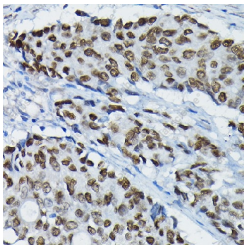
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|---|---|
| **Reactivity** | Human;Rat |
| **Immunogen** | A synthetic peptide of human SATB2 |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Purification** | Affinity purification |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:1000 |
| **IHC** | 1:50-1:100 |

## Data




Western blot analysis of extracts of LO2 cells using SATB2 Polyclonal Antibody at 1:1000 dilution.
**Observed-MW:83 kDa**
**Calculated-MW:69 kDa/82 kDa**



Immunohistochemistry of paraffin-embedded human colon carcinoma using SATB2 Polyclonal Antibody at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## Background

This gene encodes a DNA binding protein that specifically binds nuclear matrix attachment regions. The encoded protein is involved in transcription regulation and chromatin remodeling. Defects in this gene are associated with isolated cleft palate and cognitive disability. Alternate splicing results in multiple transcript variants that encode the same protein.


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